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Bureau of Labor Statistics,

M. D. Ratchford,

Columbus, Ohio. Commissioner.

Twenty-Ninth Annual Report

OF THE

Bureau of Labor Statistics

TO THE

77th General Assembly

Of the State of Ohio

For the Year 1905

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LETTER OF TRANSMITTAL.

STATE OF OHIO,
BUREAU OF LABOR STATISTICS.

COLUMBUS, OHIO, Dec. 23, 1905.

To His Excellency, Myron T. Herrick, Governor of Ohio:

SIR—I have the honor to submit, through you, to the General Assembly the twenty-ninth annual report of the Bureau of Labor Statistics, as provided by Section 310 of the Revised Statutes of Ohio.

Very respectfully,

M. D. RATCHFORD,
Commissioner.

STATE OF OHIO.

BUREAU OF LABOR STATISTICS.

Hon. M. D. Ratchford ..... Commissioner.
Frank Ashman ..... Chief Clerk.
Nellie E. Sheehan ..... Stenographer.
Clara M. Carmichael ..... Clerk.
E. C. Welker ..... Clerk.
Annette C. Zimmer ..... Clerk.

(Copies of this edition can be obtained on application to the Bureau.)

INTRODUCTORY.

In the twenty-ninth annual report submitted herewith will be found the figures and conclusions having application to the condition of general manufactures, coal mining and prison labor; also table showing the business of the free public employment offices, with recommendations for needed legislation looking to the improvement of our employment office system that it may meet the growing demands of the people and to which attention is most earnestly invited.

The condition of general manufactures during the year, while unusually active and healthy, showing a decided improvement over the average for the past decade, can hardly be said to be quite as prosperous as during the preceding year. One of the chief causes operating in this connection, and which contributed in producing this result, is found in the fact that a large proportion of the manufacturing establishments that sprung into existence during the period of exceptional values (1900-1903), and which had all the appearances of permanent business concerns, have since ceased operations, thus reducing the aggregate value of manufactured articles in about the same ratio. The influence affecting manufactures most seriously, however, was the marked depression in the iron and steel and kindred industries, which continued almost throughout the year. In consequence of this condition, due to whatever cause it may, a comparison with the report of 1904 shows a decrease in the value of goods manufactured in all lines of $38,000,000; also a falling off in the wages of labor of more than $8,000,000. During the year, 22,000 persons received an advance in wages of 8.4 per cent. as compared with 62,000 during the former year, who received an advance of 7.9 per cent. Twenty-one thousand persons suffered a reduction of 8.3 per cent., compared with 4,000 during the previous year, when the reduction was 6.5 per cent. The slight change as shown by those figures for the year, both as to the variation in wages and the number affected, almost balances each other. When taken in connection, however, with the reports of 1902 to 1904, it will be seen that wages show a marked declining tendency. The number affected by an increase in wages is considerably less, while the number who suffered reductions has greatly increased. Reference to the new compilation in tabular form, showing the hours, wages and yearly earnings by cities of the leading occupations, it is hoped will be both interesting and instructive.

The coal mining industry during the greatest part of the year was unusually inactive, owing, mainly, to the depression in the iron and steel

business and to a strike that occurred in eastern Ohio, including the counties of Belmont, Jefferson and Harrison, which involved some 12,000 miners and continued for many weeks. An increase, however, of 21 mines is shown over the report of 1904, and of 544 miners. An increase is also shown in the capital invested of nearly $4,000,000; and in the salary of superintendents, salesmen and office help of about $84,000. During the same period, the value of the product has declined nearly $3,500,000; the total amount paid in wages to the miners has also declined about $400,000; the number of days worked has fallen off 18; and the yearly earnings have declined more than $70.00 per employe. The reduction suffered affected almost 30,000 miners and the amount was 5.6 per cent.; while less than 100 received an advance of 9.4 per cent. In considering those comparisons, proper regard must be had for the variation in the figures, both as to the number of miners and the number of days worked; otherwise, the conclusions formed may be misleading. The condition of the industry at this writing might be said to be a good average for this season of the year, and values are also reasonably good; but considerable complaint is heard from all the mining districts of the state against the transportation facilities. It is claimed that orders and business are good, but delivery is slow and uncertain because of this reason.

The prison labor report, made by a competent agent of the department under 7432-1 and 7432-2 of the Revised Statutes, commonly known as the "Ten Per Cent. Law," includes, as will be seen from the tables, all the penal and reformatory institutions of the State, and is believed to be very full and complete, as the figures in support of the conclusions arrived at have been given by the officers of the institutions and the managers in charge of the establishments affected. A careful comparison is made showing the number of prisoners employed in the various institutions and in the several lines of industry with that of free laborers engaged in like industries in the State. It is hoped that the report is sufficiently full and convincing to form a basis for action looking to the enforcement of the law referred to, regulating the employment of prisoners. The figures and tables, to which attention is especially invited, will show that such law is far from being observed or respected.

The reports of the free public employment offices of Cleveland, Columbus, Cincinnati, Dayton and Toledo (five in number), as officially made to this Bureau for the twelve months ending October 31st last, show that 19,650 persons in all were found employment through those agencies at a cost to the State for the same period of $13,350.89. These figures by no means represent the persons for whom permanent employment was found, as it is not unlikely that the greatest portion of them was only procured odd jobs or temporary positions, often costing almost as much money to place them as they received in wages, and yet the condition reflects, probably, as good an employment office system as that in vogue in any of the States. It is, at least, up to the average, but, at the same time,

it is far from meeting the needs and requirements of the people, or the demands of an advancing industrial condition. In verification of this statement, we have only to cite the fact that, probably, every city in the State, of 20,000 population or more are petitioning the Bureau, through one source and another, to have a free public employment office established therein. To extend those offices beyond the cities to which they are now limited would require a special act of the legislature, and, as that body could not well discriminate between cities whose claims are equally strong and the wants of whose people vary but little, we vouchsafe the opinion that, if the system is extended at all, it will reach all the cities such as above referred to, and as those cities are quite numerous (probably, ten or a dozen in number), it would mean that the expense of maintaining employment offices in all would reach fully three times the present outlay; while, in the meantime, the number of persons benefited can not be expected to increase in the same proportion, as the offices in the smaller cities would not have the population to draw from such as they have in the five large cities named.

To relieve this situation, and with a view to and a desire for the establishment of a more adequate and perfect system of free employment agencies, through which laborers, workingmen and women of all classes may be aided in finding employment, it is recommended that the present system be abolished, and that the following recommendation be enacted into law:

That the board of county commissioners of each of the several counties in the State be authorized to establish, at their own discretion, a free public employment office to be operated and conducted within the court house of their respective counties, such offices to be supported by the county, as other county offices are supported and maintained. And that such board of county commissioners be also empowered to appoint the officer and assistants in charge and to remove the same for cause shown by a majority vote of their members. A graded salary for such officers and assistants should also be provided for by statute, based upon the population of the counties.

The peculiar advantages of this proposed system are, that it will place within the reach of all the counties of the State, and, hence, all the people, the opportunities of a free employment office, placing the burden of taxation for the support of such offices upon the counties that availed themselves of the system. It would, by reason of the comparatively close proximity of the office to the most remote part of the county, afford opportunities to those seeking employment or help, an opportunity of which they are deprived under the present system. It would save to the taxpayers, conditioned upon its establishment in the county building, the three great items of expense—rent, light and heat—which, under the present system, the State is obliged to pay. It would place the officer in charge

under the daily supervision and observation of the power which created him, thus insuring the best, possible service to the people.

Much more might be said in favor of this proposed system as against the system that now prevails, but it is my purpose only to call attention to a few of the main questions, leaving the details to the legislature to be worked out according to its own pleasure. I do not hesitate in saying, however, that, after years of experience and careful study in connection with this work, if the recommendations be adopted as proposed, the best free employment office system will exist in Ohio of any State in the Union; if not, of the foreign countries. A system that promises to give to the people the highest and best results at the least possible expenditure. The economic aspect of the question alone should commend itself to all friends of the employment office system. It is safe to say that, under the proposed plan, the cost of maintaining an office would be reduced fully from thirty-five to fifty per cent. as compared to the present system; while the efficiency of the offices, from the standpoint of all the people, would be greatly increased, and the burden of taxation for their support would be properly equalized or apportioned.

Under the law regulating private employment agencies, or agencies that are organized for profit, which took effect in June, 1904, 28 licenses have been issued by the Department during the year and one has been revoked for good cause shown. This act, like all other new legislation that is calculated to meet and restrict all manner of varying conditions in the particular field to which it applies, has worked remarkably well; yet, after a year's experience or more in the execution of such law, some weaknesses were found to exist that should be remedied. With this end in view, certain recommendations will be made to the seventy-seventh general assembly looking to the improvement of the act, which it is hoped will be effected.

The Bureau is very grateful for the courtesies extended by the Governor's office and by all other departments of the State with which it had business relations; also to its patrons—the manufacturers and the producers of the State—and to the efficient force of clerks and special agents, whose valuable services contributed so greatly in the making of this report.

COLUMBUS, OHIO, February 15, 1905.

Hon. W. S. McKinnon, Treasurer of State, Columbus, Ohio:

DEAR SIR:—In compliance with the law governing and regulating private employment agencies within the State, I beg to submit herewith an accounting of all moneys received by this Department through the operation of such law; also an account of the moneys expended from same fund for the purpose of enforcing the provisions of the act.

RECEIPTS.

From licenses issued	$2,275 00	
From fines	75 00	
Total		$2,350 00

EXPENDITURES.

Special agents' salary and expenses	$830 82	
Miller Detective Agency, Cincinnati	15 00	
Justice Wm. Brown, Cleveland	14 35	
Seal	10 00	
Miscellaneous	12 04	
Total		882 21
Credit account mileage book		10 00
Balance on hand February 15, 1905		$1,477 79

Respectfully submitted,

M. D. RATCHFORD,

Commissioner.

COLUMBUS, OHIO, December 23, 1905.

Hon. W. S. McKinnon, Treasurer of State, Columbus, Ohio:

DEAR SIR:—In compliance with the law regulating private employment agencies, I beg to make the following accounting of the moneys received and expended since last report made to you, February 15th, last.

RECEIPTS.

Balance on hand February 15, 1905	$1,477 79	
Received from licenses issued	2,500 00	
Received from fines	15 00	
Total		$3,992 79

EXPENDITURES.

Agents' salaries and expenses	$2,728 75	
Clerk hire	100 00	
Incidental expenses	15 00	
Telegrams	9 31	
Total		2,853 06
Balance on hand December 23, 1905		$1,139 73

Respectfully submitted,
M. D. RATCHFORD,
Commissioner.

PART I.

Laws Governing the Bureau, Recent Labor Laws and Court Decisions.

LAWS

Governing the Bureau of Labor Statistics.

Sec. 307. The commissioner of labor statistics shall be appointed by the governor, by and with the advice and consent of the senate, and shall hold his office for two years.

Sec. 308. The commissioner shall have an office in the state house which shall be a bureau of labor statistics, and he shall collect, arrange and systematize all statistics relating to the industrial, social, educational, and sanitary conditions of the laboring classes, and to the productive industries of the state, including the names of firms, companies, or corporations, where located, capital invested in grounds, buildings, and machinery; class and value of goods produced or manufactured; number of days in operation; amount paid yearly, for rent, taxes and insurance; amount paid in wages; number of employes, male and female; number engaged in clerical work and manual labor, with detailed classification of the number and sex engaged in each class or occupation, and the average daily wages paid to each. Said commissioner is authorized to appoint special agents to represent the bureau with authority to visit the delinquent firms and collect such statistics and perform such other duties as may be required, with like power as is conferred by law upon said commissioner; provided, that the compensation of such agents is paid from the contingent fund of the bureau. Said commissioner is hereby authorized and directed, immediately after the passage of this act, to organize and establish in all cities of the first class, and cities of the first and second grade of the second class in the state of Ohio, a free public employment office, and shall appoint one superintendent for each of said offices to discharge the duties hereinafter set forth. Said superintendents shall cause to be posted in front of their said offices on a sign board, or in a suitable place on the building where such offices are located, the words, "Free public employment office." It shall be the duty of such superintendents to receive all applications for labor of those desiring employment and those desiring to employ labor, and record their names in a book kept for that purpose, designating opposite the name of each applicant the character of employment or labor desired, and the address of such applicant. Each of said superintendents shall be provided with such clerical assistance as in the judgment of the commissioner may appear necessary for properly conducting the duties of their several offices.

No compensation or fees shall, directly or indirectly be charged to or received from any person or persons seeking employment, or any person or persons desiring to employ labor through any of said offices. Said superintendent shall make a weekly report on Thursday of each week to said commissioner of all persons desiring to employ labor, and the class thereof, and all persons applying for employment through their respective offices, and the character of employment desired by each applicant; also, of all persons securing employment through their respective offices, and the character thereof, and a semi-annual report of the expense of maintaining such offices. Said commissioner shall cause to be printed weekly a list of all applicants and the character of employment desired by them, and of those desiring to employ labor, and the class thereof, received by him from the respective offices aforesaid, and cause a true copy of such list on Monday of each week to be mailed to the superintendent of each of said offices in the state, which said list by the superintendent shall be posted immediately, on receipt thereof, in a conspicuous place in his office, subject to the inspection of all persons desiring employment. Said superintendents shall perform such other duties in the collection of labor statistics as said commissioner shall determine. Any superintendent or clerk, as herein provided, who directly or indirectly charges or receives any compensation from any person whomsoever in securing employment or labor for any other person, or persons, as provided in this act, shall be deemed guilty of a misdemeanor, and be fined in any sum not exceeding fifty dollars and imprisoned in the county jail or workhouse not exceeding thirty days. Said superintendent of each of such offices shall receive a salary of twelve hundred dollars per annum, and said clerk shall receive a salary of six hundred dollars per annum, payable monthly. Said salaries shall be paid upon warrant of the auditor of state on the treasurer of state from the state funds through the bureau of labor satistics.

Sec. 308*a*. The tenure of office for all superintendents and clerks of free public employment offices shall be two years from the date of appointment, but the commissioner of labor statistics shall have the power of removing any of such superintendents and clerks for good and sufficient cause, and all appointments and removals of such superintendents and clerks shall be made with the consent of the governor.

Sec. 309. The commissioner shall have power to send for persons and papers, to examine witnesses under oath, to take depositions, to cause them to be taken by others by law authorized to take depositions; and said commissioner may deputize any uninterested person to serve subpœnas upon witnesses, who shall be summoned in the same manner and paid the same fees as witnesses before a county court, but for this purpose persons are not required to leave the vicinity of their residence or place of business, and any person or owner, operator, manager or lessee of any mine, factory, workshop, warehouse, elevator, foundry, machine shop,

manufacturing or other industrial establishment, or any agent or employe of such owner, operator, manager or lessee who shall refuse said commissioner admission therein for the purpose of inspection, or who shall when requested by him, wilfully neglect or refuse to furnish to him any statistics or other information relative to his lawful duties which may be in their possession or under their control, or who shall wilfully neglect or refuse, for thirty days, to answer such questions by circular or upon personal application, or who shall knowingly answer any such questions untruthfully, or who shall refuse to obey the subpœnas and give testimony according to the provisions of this act shall, for every such wilful neglect or refusal be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than fifty nor more than five hundred dollars.

Sec. 310. The commissioner shall make an annual report to the general assembly of the work done by the bureau. Said report shall be so compiled so as not to expose, without written consent, the name or private affairs of any person, firm, company or corporation that has furnished such information as the bureau requires.

AN ACT.

To amend sections 308 and 308*a* of the Revised Statutes of Ohio, relating to the duties of the commissioner of labor statistics, the appointment, duties and compensation of superintendents and clerks of free public employment offices.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. That sections 308 and 308*a* of the Revised Statutes of Ohio, be amended so as to read as follows:

Sec. 308. The commissioner shall have an office in the state house which shall be a bureau of labor statistics, and he shall collect, arange and systematize all statistics relating to the industrial, social, educational and sanitary conditions of the laboring classes, and to the productive industries of the state, including the names of firms, companies, or corporations, where located, capital invested in grounds, buildings, and machinery; class and value of goods produced or manufactured; number of days in operation; amount paid yearly for rent, taxes and insurance; amount paid in wages; number of employes, male and female; number engaged in clerical work and manual labor, with detailed classification of the number and sex engaged in each class or occupation, and the average daily wages paid to each.

Said commissioner is authorized to appoint special agents to represent the bureau with authority to visit the delinquent firms and collect such

statistics, and perform such other duties as may be required, with like power as is conferred by law upon said commissioner; provided, that the compensation of such agents is paid from the contingent fund of the bureau. For the purpose of carrying out the provisions of this act, the state is hereby divided into five districts, the boundaries of which shall be designated by the governor and said commissioner and the governor and said commissioner shall appoint one superintendent for each of said districts to discharge the duties hereinafter set forth. Said superintendents shall cause to be posted in front of their said offices, on a sign board, or in a suitable place on the building where such offices are located, the words, "Free Public Employment Office."

It shall be the duty of such superintendents to receive all applications for labor of those desiring employment and those desiring to employ labor, and record their names in a book kept for that purpose, designating opposite the name of each applicant the character of employment or labor desired, and the name of such applicant. Each of said superintendents shall be provided with a clerk if in the judgment of the commissioner the same may appear necessary for properly conducting the duties of their several offices.

No compensation or fee shall, directly or indirectly, be charged to or received from any person or persons seeking employment or any person or persons desiring to employ labor through any of said offices. Said superintendent shall make a weekly report on Thursday of each week to said commissioner of all persons desiring to employ labor, and the class thereof, and all persons applying for employment through their respective offices, and the character of employment desired by each applicant; also, of all persons securing employment through their respective offices, and the character thereof, and a semi-annual report of the expense of maintaining such offices. Said commissioer shall cause to be printed weekly a list of all applicants and the characters of employment desired by them, and of those desiring to employ labor, and the class theerof, received by him from the respective offices aforesaid, and cause a true copy of such list on Monday of each week to be mailed to the superintendent of each of said offices in the state, which said list by the superintendent shall be posted immediately on receipt thereof, in a conspicuous place in his office, subject to the inspection of all persons desiring employment. Said superintendents shall perform such other duties in the collection of labor statistics as said commissioner shall determine. Any superintendent or clerk, as herein provided, who directly or indirectly charges or receives any compensation from any person whomsoever in securing employment or labor for any other person, or persons, as provided in this act, shall be deemed guilty of a misdemeanor, and be fined in any sum not exceeding fifty dollars and imprisoned in the county jail or workhouse not exceeding thirty days.

Said superintendent of each of such offices shall receive a salary of fifteen hundred dollars per annum, and said clerk shall receive a salary of seven hundred and twenty dollars per annum, payable monthly. Said salaries shall be paid upon warrant of the auditor of state on the treasurer of state from the state funds through the bureau of labor statistics.

Sec. 308*a*. The tenure of office for all superintendents of free public employment offices shall be two years from the date of appointment, but the commissioner of labor statistics shall have the power, by and with the consent of the governor, of removing any of such superintendents for good and sufficient cause. The clerk allowed in any free public employment office shall be appointed by the superintendent of the respective office, when approved by said commissioner, and shall serve during the pleasure of the superintendent; provided, however, that all superintendents and clerks now in office shall remain in office until the expiration of their present terms, unless sooner removed by the governor and commissioner for good cause shown, which power is hereby given the governor and said commissioner, and in case of such a removal, and at the end of the present terms of superintendents or clerks, their successors shall be appointed as herein provided.

SECTION 2. That said section 308 and 308*a*, of the Revised Statutes of Ohio be and the same are hereby repealed.

HOLLIS C. JOHNSTON,
Speaker pro tem. of the Houes of Representatives.

W. G. HARDING,
President of the Senate.

Passed April 14, 1904.
Approved April 19, 1904.

MYRON T. HERRICK,
Governor.

EXAMINATION OF STATIONARY ENGINEERS

97 O. L., 28.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. That sections 6, 7, 8 and 9 of an act entitled, "An act for the better protection of life and property against injury or damage, resulting from the operation of steam engines and boilers by incompetent engineers and others, and to repeal an act therein named," passed March 1, 1900 (94 O. L., 33), as amended March 13, 1902 (95 O. L., 48) and April 30, 1902 (95 O. L., 333), be amended so as to read as follows:

(4364-89*q*) Sec. 6. Any person who desires to act as a steam engineer shall make application to the district examiner of steam engineers

for a license so to act, upon a blank furnished by the examiner, and shall sucessfully pass an examination upon the following subjects: the construction and operation of steam boilers, steam engines, and steam pumps, and also hydrolics, under such rules and regulations as may be adopted by the chief examiner, which rules and regulations, and standard of examination, shall be uniform throughout the state. If, upon such examination, the applicant is found proficient in said subjects a license shall be granted him to have charge of and operate stationary steam boilers and engines of the horse power named in this act. Such license shall continue in force for one year from the date the same is issued, provided, however, the district examiner may, upon written charges, after notice and hearing, revoke the license of any person guilty of fraud in passing the examination, or who has become insane or who is addicted to the liquor or drug habit to such a degree as to render him unfit to discharge the duties of steam engineer.

(4364-89*r*) Sec. 7. Any person to whom a license is issued under the provisions of this act shall upon application at the expiration of one year from the date thereof be entitled to a renewal thereof for one year, unless the district examiner of his district for the cause or causes set out in section 6 of this act, upon notice and hearing, should refuse such renewal.

(4364-89*s*) Sec. 8. The fee for examination of applicants for license shall be two dollars ($2), to be paid at the time of application for examination, and two dollars, ($2) for each renewal of license. All fees collected and received by the district examiners from the issue of licenses and the renewal of the same, shall be, on or before the 5th day of each month, remitted to the chief examiner at Columbus, together with a monthly report of the business of their offices. Said chief examiner shall pay into the treasury, to the credit of the general revenue fund, all moneys and fees by him received from the district examiners, and, on or before the 10th day of each month, said chief examiner shall file a monthly report with the governor, of the business of his office and the amount of money received by him and paid into the state treasury.

(4364-89*t*) Sec. 9. Any person dissatisfied with the action of any district examiner in refusing or revoking a license, or a renewal thereof, may appeal to the chief examiner, who shall investigate the action of said district examiner; if, upon such investigation, said chief examiner finds that the district examiner was justified, for the cause or causes set out in section 6 of this act, in refusing or revoking such license, or renewal thereof, he shall sustain the district examiner in his action; but should said chief examiner find that the district examiner was not justified in refusing or revoking such license, or renewal thereof, he shall order said district examiner to issue a license to the person making the appeal.

SECTION 2. That said sections 6, 7, 8 and 9 of an act entitled, "An act for the better protection of life and property against injury or damage,

resulting from the operation of steam engines and boilers by incompetent engineers and others, and to repeal an act therein named," passed March 1, 1900 (94 O. L., 33), as amended March 13, 1902 (95 O. L., 48) and April 30, 1902, (95 O. L., 333) and Sec. 4364-89*q*, be and the same are hereby repealed

SECTION 3. This act shall take effect and be in force from and after its passage.

GEORGE T. THOMAS,
Speaker of the House of Representatives.

GEO. H. CHAMBERLAIN,
President pro tem. of the Senate.

Passed March 3, 1904.
Approved March 4, 1904.

MYRON T. HERRICK,
Governor.

CARE FOR INJURED PERSONS AT MINES.

97 O. L., 63.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. It shall be the duty of operators or superintendents to keep at the mouth of drift, shaft or slope, where more than ten miners are employed, or at such other place about the mine as shall be designated by the state or district mine inspector, a stretcher properly constructed, and a woolen blanket and a waterproof blanket in good condition, for use in carrying away any person who may be injured at the mine.

Provided, That where more than four hundred persons are employed, two stretchers and two woolen blankets and two waterproof blankets shall be kept. And in mines generating fire damp a sufficient quantity of linseed or olive oil, bandages and linen shall be kept in store at the mine for use in emergency, and bandages shall be kept at all mines.

GEORGE T. THOMAS,
Speaker of the House of Representatives.

W. G. HARDING,
President of the Senate.

Passed March 31, 1904.
Approved April 1, 1904.

MYRON T. HERRICK,
Governor.

EMPLOYMENT OF FLAGMEN AND HOSTLERS ON RAILROADS.

97 O. L., 72.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. That no person, firm or corporation, owning, operating or controlling any railroad, running through or within the state of Ohio, shall employ as flagman or hostler, or assistant hostler, within said state, any person who cannot read and write and speak the English language; but this act shall not apply to flagmen at street or highway crossings.

SECTION 2. Any person, firm or corporation who shall violate the provisions of the foregoing section, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not less than five hundred dollars ($500), or more than one thousand dollars ($1,000).

GEORGE T. THOMAS,
Speaker of the House of Representatives.

W. G. HARDING,
President of the Senate.

Passed April 5, 1904.
Approved April 7, 1904.

MYRON T. HERRICK,
Governor.

REGULATE MANUFACTURE OF HIGH EXPLOSIVES.

97 O. L., 302.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. All persons, partnerships and corporations within the state of Ohio, now engaged in manufacturing, selling, handling or storing powder, dynamite, nitroglycerine, fuses or other explosives and their compounds, shall on or before the 15th day of September, 1904, file with the chief inspector of workshops and factories, upon blanks which shall be furnished by such inspector upon application, a statement of the location of each factory, storehouse, or magazine, owned or controlled by such person, corporation or partnership, together with the character of the explosive manufactured, the quantity stored or kept on hand, the number of persons employed there, and the distance such factory, storehouse, or maga-

zine is located from the nearest factory, workshop, mercantile or other establishment, occupied dwelling, church, schoolhouse or building in which people are accustomed to assemble, railroad or public highway. Each report filed shall be examined by the chief inspector of workshops and factories, and submitted to the inspector of high explosives who shall make a personal examination, of each factory, storehouse and magazine and if upon such examination, such factory, storehouse or magazine in his judgment shall be found to be located at a safe distance from [any] factory, workshop, mercantile or other establishment, occupied dwelling, church, schoolhouse or building in which people are accustomed to assemble, railroad or public highway, and to be so planned and managed as to insure as great safety as is consistent with the nature of the business, then the chief inspector of workshops and factories shall approve the plans and location of such factory, storehouse or magazine.

SECTION 2. Any person, corporation or partnership, that shall hereafter engage in the business of manufacturing, storing or handling any of the high explosives mentioned in section one of this act shall, before engaging in such business, report to the chief inspector of workshops and factories, upon blanks to be furnished by such chief inspector, upon application, the kind and amount of explosives, such person, partnership or corporation proposes to manufacture or handle, together with a drawing showing the plans of all factories, storehouses and magazines, with an accurate statement of the distance such proposed factory, storehouse or magazine, shall be located from the nearest factory, workshop, mercantile or other establishment, occupied dwelling, church, schoolhouse, or building in which people are accustomed to assemble, railroad or public highway, which report, together with the plans, shall be submitted to the inspector of high explosives for personal examination, correction and approval. And it shall be unlawful for any person, partnership or corporation to engage in such business until such plans are approved by the chief inspector of workshops and factories, and it shall be unlawful for any person, partnership or corporation now engaged in the business of manufacturing, handling or storing any of the high explosives mentioned in section one of this act to continue such business after September 15, 1904, without the approval of the chief inspector of workshops and factories as provided in section one of this act. Any person, partnership or corporation who shall engage in the business of manufacturing, storing or handling any of the high explosives mentioned in section one of this act on or at any time after September 15, 1904, without first having obtained the approval of the chief inspector of workshops and factories as herein provided, shall be guilty of a misdemeanor, and upon conviction shall be fined not less than $100, nor more than $1,000. Nothing in this act shall be held to apply to persons, partnerships or corporations engaged in the wholesale or retail drug business, or to retail dealers in gunpowder, fuses or fireworks, who store not to exceed twenty-five (25) pounds at any one

place at one time, and it shall be the duty of the chief inspector of workshops and factories and the inspector of high explosives to enforce the provisions of this act.

HOLLIS C. JOHNSTON,
Speaker pro tem. of the Houes of Representatives.

W. G. HARDING,
President of the Senate.

Passed April 22, 1904.
Approved April 23, 1904.

MYRON T. HERRICK,
Governor.

EMPLOYMENT OF MINORS.

97 O. L., 321.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. That sections 1, 2 and 3 of an act entitled "An act to regulate the employment of minors and to repeal sections 6986, R. S., passed April 25, 1891; 6986*aa* R. S., passed March 21, 1887; 6986*bb* R. S., passed April 27, 1885; 6986*c* R. S., passed April 27, 1885," passed April 19, 1898, as amended May 12, 1902, be amended to read as follows:

Sec. 1. No child under the age of fourteen years shall be employed in any factory, workshop, mercantile or other establishment, directly or indirectly at any time, nor be employed as messenger or driver therefor; and no child under [said] the age shall be employed in any other manner, whether it be for compensation or otherwise, when the public schools in which district such child resides are in session.

Every person, company or corporation, or agent having charge of or the management of such factory, workshop, mercantile or other establishment employing any child over fourteen years and under sixteen years of age, shall exact the age and schooling certificate prescribed in section 4022-2 as a condition of employment, and shall keep the same on file, and shall upon the request of the chief or district inspector of workshops and factories produce said certificates for inspection; but no person authorized as aforesaid shall approve such certificates for any child under sixteen years of age then in or about to enter his own employment or the employment of firm, company or corporation of which he is a member, officer or employe. An age and schooling certificate shall not be approved unless satisfactory evidence is furnished by the last school census, the certificate of birth or baptism, or in some such manner, that said child is of the age required as aforesaid; failure to produce to an inspector of workshops

and factories an age and schooling certificate, as aforesaid required, shall be prima facie evidence of the illegal employment of any person whose age and schooling certificate is not produced.

In case of doubt of the physical fitness of such minor, the inspector shall require a certificate signed by a medical officer of the board of health, certifying that such child is in sound health and physically able to perform the work he is required to do.

Sec. 2. It shall be the duty of every person employing minors under the age of eighteen years to keep a register in which shall be recorded the name, birthplace, age and place of residence of every minor employed by him under the age of eighteen years. No boy under sixteen years of age and no girl under eighteen years of age, shall be employed at any work at night time later than seven o'clock in the evening nor earlier than six o'clock in the morning, and no minor under eighteen years of age shall be employed in any of the places named in section 6986-7 of the Revised Statutes of Ohio for a longer period than ten hours in one day, nor more than fifty-five hours in one week; and every such minor under eighteen years of age shall be entitled to no less than thirty minutes for meal time at noon, but such meal time shall not be included as part of the work hours of the day; and every employer shall post in a conspicuous place in every room where such minors are employed a printed notice stating the maximum number of work hours required in one week, and in each day of the week from such minors; such printed notice to be furnished by the chief inspector of workshops and factories, and approved by the attorney-general.

Sec. 3. Any person, firm or corporation who shall employ any minor contrary to the provisions of this act, or who shall violate any of the provisions thereof, shall, upon conviction, be fined in any sum not less than ten dollars nor more than fifty dollars, and upon failure or refusal of any such person, firm or corporation to pay said fine or costs according to the order of the court, then such person, firm or corporation shall be imprisoned in the county jail until such fine is paid.

Section 4. That original sections 1, 2 and 3, as amended are hereby repealed.

George T. Thomas,
Speaker of the House of Representatives.

W. G. Harding,
President of the Senate.

Passed April 23, 1904
Approved April 25, 1904.

Myron T. Herrick,
Governor.

PRIVATE EMPLOYMENT AGENCIES.

97 O. L., 485.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. [That] no person, firm or corporation in this state shall open, operate or maintain a private employment agency for hire, or where a fee is charged to either applicant for employment or for help without first obtaining a license for the same from the state commissioner of labor statistics. Such license fee in cities shall not be less than fifty ($50.00) dollars nor more than one hundred ($100.00) dollars per annum. In villages not less than ten ($10.00) dollars nor more than twenty-five ($25.00) dollars per annum. Every license shall contain the designation of the city or village, street and number of the building in which the licensed party conducts said employment agency. The license, together with a copy of this act, shall be posted in a conspicuous place in each and every employment agency. No agency shall print, publish or paint [on] any sign, window, or insert in any newspaper or publication, a name similar to that of the Ohio free public employment offices. The commissioner of labor shall require with each applicant for a license a bond in the penal sum of five hundred ($500) dollars with one or more sureties, to be approved by the said commissioner, and conditioned that the obligor will not violate any of the duties, terms, conditions, provisions or requirements of this act. The said commissioner is authorized to cause an action or actions to be brought on said bond in the name of the people of the state of Ohio for any violation of [any of] its conditions, and he may also revoke upon a full hearing, any license, whatever [whenever] in his judgment the party licensed shall have violated any of the provisions of this act. It shall be the duty of every licensed agency to keep a register, in which shall be entered the name and address of every applicant. Such licensed agency shall also enter into a register the name and address of every person who shall make application for help or servants; and the name or nature of the employment for which such help shall be wanted. Such register shall at all reasonable hours, be open to the inspection and examination of the commissioner of labor or his agents. Where a registration fee is charged for receiving or filing applications for employment or help, said fee shall in no case exceed the sum of two ($2) dollars for which a receipt shall be given, in which shall be stated the name of the applicant, the amount of the fee, the date, the name or character of the work or situation to be procured. In case the said applicant shall not obtain a situation or employment through such licensed agency within one month after registration as aforesaid, then said licensed agency shall forthwith

repay and return to such applicant, upon demand being made therefor, the full amount of the fee paid or delivered by said applicant to said licensed agency, provided that such demand be made within thirty (30) days after the expiration of the period aforesaid. No agency shall send or cause to be sent any female help or servant to any place of bad repute, house of ill fame or assignation house, or any house or place of amusement kept for immoral purposes. No such licensed agency shall publish or cause to be published any false or fraudulent notice or advertisement, or to give any false information, or to make any false promise concerning or relating to work or employment to any one who shall register for employment, and no licensed agency shall make any false entries in the register to be kept as herein provided. No person, firm or corporation shall conduct the business of any employment office in or in connection with, any place where intoxicating liquors are sold.

SECTION 2. It shall be the duty of the commissioner of labor to enforce this act, when informed of any violation, it shall be his duty to institute criminal proceedings for the enforcement of its penalties before any court of competent jurisdiction. Any person convicted for the violation of the provisions of this act shall be guilty of a misdemeanor and shall be fined not less than fifty ($50) dollars nor more than one hundred ($100) dollars for each offense, or by imprisonment in the county jail for a period not exceeding six (6) months, or both, at the discretion of the court.

SECTION 3. A private employment agency is defined and interpreted to mean any person, firm or corporation furnishing employment or help, or who shall display any employment sign or bulletin, or through the medium of any card, circular or pamphlet, offering employment or help, shall be deemed an employment agency, and subject to the provisions of this act, whether a fee or commission is charged or not: Provided that charitable organizations are not included.

SECTION 4. The term "applicant for employment" as used in this act, shall be construed to mean any person seeking work of any lawful character, and "applicant for help" shall mean any person or persons seeking help in any legitimate enterprise; and nothing in this act shall be construed to limit the meaning of the term "work" to manual labor, but it shall include professional service and all other legitimate service.

SECTION 5. All money or moneys received from fees and fines as herein provided shall be held by [the] said commissioner of labor, and the same shall constitute a fund for the purpose of enforcing the provisions of this act; and the said commissioner shall at the end of each fiscal year make an account of said fund and pay into the state treasury whatever balance shall remain after paying the necessary disbursements for the purpose of enforcing the provisions of this act.

SECTION 6. All acts and parts of acts in conflict herewith are hereby repealed and this act shall take effect and be in force within sixty (60) days from and after its passage.

GEORGE T. THOMAS,
Speaker of the House of Representatives.

GEO. H. CHAMBERLAIN,
President pro tem. of the Senate.

Passed April 25, 1904.
Approved April 26, 1904.

MYRON T. HERRICK,
Governor.

INSPECTION OF WORKSHOPS AND FACTORIES.

97 O. L., 530.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. That supplementary section 2573*a*, including section two thereof, be amended to read as follows:

Sec. 2573*a*. For the purpose of providing an adequate force for the efficient and thorough inspection of workshops and factories throughout the state of Ohio, the governor shall appoint, by and with the advice and consent of the senate, one chief inspector, who, with the approval of the governor, shall appoint thirteen district inspectors.

The chief inspector and district inspectors shall be competent and practical mechanics.

The chief inspector shall hold his office for a term of four years, and shall have his office in the state house, where shall be kept the records of his office; and the district inspectors shall hold their offices for a term of three years from the first day of May after their respective appointments, and until their successors are appointed and qualified; provided, however, that the chief inspector and the district inspectors in office at the time of this act shall serve out their respective terms for which they have been appointed. In case of the resignation, removal or death of the chief inspector, or any district inspector, the vacancy shall be filled in the manner above provided for the original appointments for the unexpired term only of the position so made vacant.

Sec. 2. The chief inspector shall make such assignments of all the district inspectors as the good of the service may require, and shall issue such instructions, and make such rules and regulations for the government of the district inspectors not inconsistent with the powers and duties vested in them by law as shall secure uniformity of action and

proceedings throughout the different districts into which he shall divide the state.

The salary of the chief inspector shall be two thousand dollars ($2,000) per annum, and the district inspectors twelve hundred dollars ($1,200) each per annum, which salaries and all necessary traveling expenses incurred by said inspectors in the discharge of their official duties shall be paid out of the treasury of the state from any fund therein not otherwise appropriated on the warrant of the auditor, on the presentation to him of the proper vouchers.

SECTION 2. That supplementary section 2573*b* be amended to read as follows:

Sec. 2573*b*. The said inspector shall have entry into all shops and factories, including all public institutions of the state which have shops and factories, or either, at any reasonable time, and it shall be unlawful for the proprietors, agents or servants in such factories or shops to prevent, at reasonable hours, his entry into such shops or factories for the purpose of such inspection. And proof of the failure of the proprietor of any shop or factory to make the alteration or furnish the safeguards ordered by the inspector, within the time required by law, shall be deemed prima facie evidence of negligence and shall render such proprietor liable for any injury sustained by reason of such failure to make such alterations or furnish such safeguards.

SECTION 3. That supplementary section 2573*c*, be amended to read as follows:

Sec. 2573*c*. That said inspectors, if they find upon such inspection that the heating, lighting, ventilation or sanitary arrangement of any shop or factory is such as to be injurious to the health of persons employed or residing therein, or that the means of egress in case of fire or other disaster is not sufficient, or that efficient means for extinguishing fire is not provided on each floor, or that the belting, shafting, gearing, elevators, drums and machinery in such shops and factories are located so as to be dangerous to employes, and not sufficiently guarded, or that the vats, pans or structures filled with molten metal or hot liquid are not surrounded with proper safeguards for preventing accident or injury to those employed at or near them, shall notify the owners, proprietors or agents of such shops or factories by mailing such notifications to the last known address of such owners, proprietors or agents to make the alterations or additions necessary without delay; provided, however, that for such of the alterations and additions ordered as may be of such nature as to make it impossible to comply with immediately, the chief inspector may grant from fifteen (15) to thirty (30) days' time from date of first notification to such owners, proprietors or agents, in which to make such alterations and additions, and if such alterations are not made within the limit of time granted, such owners, proprietors or agents so notified, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not

more than five hundred ($500) dollars, and not less than fifty ($50) dollars, and ten (10) dollars additional for each day after such conviction, until such alterations and additions necessary have been made, which fine shall be paid into the treasury of the county in which conviction is had. The district inspectors shall make a record of all examinations of shops and factories in their respective districts, showing the date when made, the condition in which shops and factories are found, and what changes were ordered, the number of shops and factories in their respective districts, the number of men, women and children employed in each shop or factory, together with all such other facts and information of public interest concerning the condition of such shops and factories as they may think useful and proper, which record shall be filed in the office of the chief inspector every week, and so much theerof as may be of public interest to be included in his annual report.

SECTION 4. That supplementary section 2573*a* including section 2 thereof, as passed April 29, 1885, O. L., Vol. 82, p. 179; supplementary section 2573*a*2, as passed March 23, 1892, O. L., Vol. 89, p. 133; supplementary section 2573*b*, as passed April 13, 1898, O. L., Vol. 93, p. 113; and supplementary section 2573*c*, as passed March 3, 1898, O. L., Vol. 93, pp. 30, 31, be and the same are hereby repealed.

GEORGE T. THOMAS,
Speaker of the House of Representatives.

W. G. HARDING,
President of the Senate.

Passed April 20, 1904.

This bill was presented to the governor April 20, 1904, and was not signed nor returned to the House wherein it originated within ten days after being so presented, exclusive of Sundays and the day said bill was presented, and was filed in the office of the secretary of state May 3, 1904.

RISKS TO BE DEEMED AS ASSUMED BY EMPLOYES.

97 O. L., 547.

Be it enacted by the General Assembly of the State of Ohio:

SECTION 1. In any action brought by an employe, or his legal representative, against his employer, to recover for personal injuries, when it shall appear that the injury was caused in whole or in part by the negligent omission of such employer to guard or protect his machinery or appliances, or the premises or place where said employe was employed,

in the manner required by any penal statute of the state or United States in force at the date of the passage of this act, the fact that such employe continued in said employment with knowledge of such omission, shall not operate as a defense; and in such action, if the jury find for the plaintiff, it may award such damages not exceeding, for injuries resulting in death, the sum of five thousand dollars, and for injuries not so resulting, the sum of three thousand dollars, as it may find proportioned to the pecuniary damages resulting from said injuries; but nothing herein shall affect the provisions of section 6135 of the Revised Statutes.

Nothing herein contained shall be construed as affecting the defense of contributory negligence, nor the admissibility of evidence competent to support such defense.

HOLLIS C. JOHNSTON,
Speaker pro tem. of the Houes of Representatives.

W. G. HARDING,
President of the Senate.

Passed April 23, 1904.
Approved May 3, 1904.

MYRON T. HERRICK,
Governor.

RECENT DECISIONS OF COURTS AFFECTING LABOR

THE KELLY ISLAND LIME AND TRANSPORT CO. v. PACHUTA, ADMX.

69 O. S., 462.

(Decided February 2, 1904.)

Employer not liable to one servant—For negligence of another servant—Law of master and servant.

ERROR to the Circuit Court of Ottawa county.

CREW, J. At the time of the injury to John Pachuta which resulted in his death, and gave rise to this action, he was employed by the plaintiff in error as a quarryman in its limestone quarry at Marblehead, in Ottawa county, Ohio. He had been in the employ of, and had worked for said company for about twenty years and for about nine years had been employed in the company's quarry at Marblehead. There were in this quarry two ledges of rock, an upper ledge known and designated in the evidence as the "flux ledge" and a lower ledge known as the "limestone ledge" or "lower rock ledge." These ledges were from nine to twelve feet in height and the upper or flux ledge, which was furthest south, was about five hundred feet distant from the lower or limestone ledge. At the time he was injured, the deceased, John Pachuta, with other workmen, was working upon this lower or limestone ledge and was engaged in quarrying and breaking up and removing stone from said quarry. The method employed in this quarry for loosening and getting out the stone was that of blasting, holes were drilled short distances apart along these ledges of rock, these holes were loaded or charged with powder or dynamite and the charge was then exploded by means of an electric battery. This was called "battery blasting," and the usual effect of such blast was to sever the edge of the ledge of rock along which the blast was placed, from the main body, after which the rock so severed or blown off was broken up by the workmen into smaller pieces, and when so broken up and prepared it was then taken taken to the kiln for burning, or to railroad cars for shipment. The blasting at this quarry was, and for several years had been in the immediate charge of one John Schaffer, whose duty it was to superintend the preparation and firing of these "battery blasts" and to give warning and notice to the other workmen in the quarry when a blast was about to be fired that they might seek a place of safety before such blast should be dis-

charged. Schaffer had as an assistant in the preparation and firing of these battery blasts a man by the name of Onko, and in obedience to instructions issued by the general quarry foreman, Mr. Fillabaum, it was usual for one or the other of these two men—Schaffer or Onko—after a blast had been prepared and was ready to be discharged, to give notice to the other workmen in the quarry that a blast was about to be fired, and this they did, according to the custom of the quarry by going near to such other workmen and calling out the word "fire," after which sufficient time was allowed them to get under cover or to withdraw to a place of safety before the blast was discharged. Schaffer, who in the language of the quarry was known as the "powder man," had no authority or control over Pachuta or the other workmen employed in said quarry; but Schaffer, Onko and Pachuta were each and all of them directly and immediately under the same foreman, Mr. Frank W. Fillabaum. On the day of, and immediately prior to, the injury received by Pachuta, which resulted in his death, a number of holes had been drilled in the upper or flux ledge of said quarry and these holes had been loaded with dynamite. After the blast had been so prepared, Schaffer sent Onko to the lower ledge to notify the men then working there, one of whom was Pachuta, that a blast was about to be discharged. Onko went along the lower ledge and gave the usual warning by calling out, "fire"; several of the workmen heard the warning and withdrew to a place of safety; others claimed they did not hear it. Pachuta, who is not shown to have heard the warning, remained where he was then at work, and when the blast was discharged he was struck by a stone thrown out by said blast and received injuries, from the effects of which, four days later, he died. To recover damages for causing his death, this action was brought by his administratrix against the plaintiff in error, The Kelly Island Lime & Transport Co., she alleging in her petition that his death was caused by, and resulted from, negligence on the part of said company. While acts of negligence other than that of a failure to give notice were charged by defendant in error, in her petition, no claim was made that the company did not exercise due care in the selection of its servants, nor is there any charge that such servants were incompetent, and upon the undisputed facts of this case no right of recovery exists in her favor, and no liability on the part of plaintiff in error is shown, unless such right exists and such liability arises from a failure to give notice or warning to Pachuta that a battery blast was about to be exploded. Assuming then, as we do in this case, that from the evidence, the jury was authorized to find that no such notice was given him and that the death of Pachuta resulted from, and was in consequence of, the failure of Schaffer to give, or cause to be given, proper notice of the intended discharge of said blast, the only question we have thought it necessary to consider upon this record, is whether such neglect and failure upon the part of Schaffer, is in law imputable to the plaintiff in error, The Kelly Island Lime & Transport Co., who was the common employer

of Schaffer, Onko and Pachuta, and whether such company is liable for, and legally chargeable with, the results of such negligence. The determination of this question involves a consideration of the question as to whether or not Schaffer, Onko and the deceased, John Pachuta, were fellow-servants. The general rule that a common master cannot be made responsible for injuries resulting to a servant from the negligence of a fellow-servant, is a principle now well established in almost all jurisdictions. This rule in Ohio was recognized and announced by this court almost half a century ago in the case of *Railroad Co.,* v. *Keary,* 3 Ohio St., 201, and has since been followed by a long and uninterrupted line of decisions to the same effect.

It remains then only to determine whether under the rule in Ohio, defining and prescribing who shall be deemed and held to be fellow-servants, John Pachuta was a fellow-servant, engaged in a common employment, with the parties Schaffer and Onko, who had charge of the battery blast at the time Pachuta was injured.

At the time of the accident these persons were all engaged in the common employment of getting out stone from this quarry—Schaffer and Onko in blasting the stone off from the ledges, and Pachuta after it was so blown off, in breaking it up into smaller pieces and thus preparing and making it ready for the kiln, or for shipment. Although working in different parts of the same quarry their work was in connection with each other and had relation to the same common end, that of getting out the stone, and their co-operation was necessary to bring about that result. They were all employed by, and were serving the same master, neither was in a position of subordination to, or subject to the order and control of the other, but they were each and all of them under the immediate control and authority of the same foreman, Frank W. Fillabaum, and were all engaged in the same general work. In Ohio the test to be applied in determining whether a particular servant is a vice-principal or a fellow-servant, except in certain cases where the rule has been modified by statute, is whether or not he has been placed by his employer in a position of control or authority over his co-employe. That this, rather than the nature and character of the work being done, is the controlling and governing test in this state, would seem to be well settled by the following authorities: *Railroad Co.* v. *Keary,* 3 Ohio St., 201; *Railway Co.* v. *Lewis,* 33 Ohio St., 196; *Railway Co.* v. *Ranney,* 37 Ohio St., 665. In *Railroad Co.* v. *Keary,* we find the following syllabus:

"But a principal is not liable to one servant in his employ for injuries resulting from the carelessness of another servant, when both are engaged in a common service, and no power or control is given to the one over the other. They stand as equals to each other, and are alone liable for the injuries they may occasion.

"But when the failure occurs in that branch of the service committed by the principal to the subordinate servants, it is their fault, and

not that of their employer, and a breach of their obligations, and not his; and where they enter the service with a knowledge that several are to be engaged, each takes upon himself the hazards of the employment including that of negligence by fellow-servants, and public policy requires that they should be interested in exercising supervision over each other."

In *Railway Co.* v. *Lewis,* supra, Day J., in the opinion, says, at page 199: "A master, whether an individual or a corporation, is responsible to his servants for his own negligence, but not for that of their fellow-servants. This is the general rule, subject, however, to the modification recognized in the jurisprudence of this state, that where one servant is placed in a position of subordination to, and subject to, the orders and control of another servant of a common master, and the subordinate servant, without his fault, is injured through the negligence of the superior servant while both are acting in the common service, the master is liable therefor. *P., Ft. W. & C. Ry. Co.* v. *Devinney,* 17 Ohio St., 197; *Berea Stone Co.* v. *Kraft,* 31 Ohio St., 287."

Again, in the case of *Railroad Co.* v. *Margrat,* 51 Ohio St., 130, Judge Bradbury, in discussing the question of who are fellow-servants, at page 141, says: "Was the engineer in charge of locomotive a fellow-servant of Margrat for the consequences of whose negligence the company was not liable to the latter? Margrat and the engineer in charge of the locomotive that struck him were in the employment of the same master. The former was a brakeman on one train, while the latter was an engineer on another train of the same company. Neither had been clothed with authority over the other, therefore the relation of superior and subordinate between them had not existed in fact. In the absence of such relation, their common employer would not be liable to either for injuries received through the negligence of the other, unless the rules of law upon the subject heretofore announced by this court have been abrogated."

In the light of these authorities, upon the undisputed facts in this case, the conclusion that Schaffer, Onko and Pachuta were fellow-servants, is inevitable. It is, however, contended in this case, by counsel for defendant in error, that because of the nature of the work, a duty was by law imposed upon the master, The Kelly Island Lime & Transport Co., in respect to furnishing a safe place for its workmen, and that the duty so imposed included the duty and obligation to give notice and warning to such workmen, whenever a blast was about to be discharged in said quarry. That this duty on the part of the master was an absolute duty and that it could not be delegated by the master so as to absolve him from liability in case of the failure to perform such duty by the person to whom the same might be delegated. We need not here enter upon a discussion of the rule as to the liability of an employer for failure to furnish a "safe place," inasmuch as such rule can have no application to a case such as we are now considering. In this case the deceased, John Pachuta, at the time he was injured was working in an open quarry, engaged with other

workmen, in getting out, quarrying and removing stone therefrom. The quarry itself was not an unsafe place, and if it became so it was only by reason of the negligence of a fellow-servant engaged in a common employment with decedent and during the progress, and while performing a part of, the work incident to such common employment. To such condition of facts the rule of "safe place" can in Ohio have no application. *Railroad Co.* v. *Webb,* 12 Ohio St., 475; *Coal & Mining Co.* v. *Admr. of Clay,* 51 Ohio St., 542; *Cullen* v. *Norton,* 126 N. Y., 1. In support of the claim that the dangerous character of the work and the obligation of the master to maintain a safe place, imposed upon the plaintiff in error the absolute duty of giving actual notice to the workmen in the quarry before the discharge of each battery blast, counsel for defendant in error cite us to the case of *Mooney* v. *Bellville Stone Co.*—a New Jersey case—found in American Negligence Reports, vol. 4, page 195, where it is held upon a state of facts very similar to those in the case at bar, that the giving of warning was a duty owed by the employer to the employes, and the failure of the foreman of a gang of workmen, to perform this duty carefully, was imputable to the defendant as employer. This case is directly in point. But the rule therein laid down cannot, we think, be taken and accepted as the law in Ohio. In holding the master liable in this case, the New Jersey Court of Appeals does so upon the theory that the duty of the master to maintain a "safe place" is imperative and absolute; and that such duty is violated and the master made liable if through the negligence of a fellow-servant, because of his failure to give proper warning, the place is made temporarily dangerous and unsafe, by the doing of that which in the prosecution of the particular business was usual and necessary to be done, and the doing of which was but a part of, and incidental to, the proper conduct and management of such business itself. In other words, the court in effect holds, that the obligation and duty of the master is that of a guarantor or insurer. Such is not the law in Ohio. Hence the doctrine of this case can have no application in this state. *Railroad Co.* v. *Webb,* 12 Ohio St., 475; *Railroad Co.* v. *Fitzpatrick,* 42 Ohio St., 318. Further, the New Jersey rule for determining the liability of a master, and as to who are fellow-servants, is not the same as the rule in Ohio. In New Jersey, the character of the work being performed is the governing test—*Knutter* v. *N. Y. and N. J. Telephone Co.,* 67 N. J. L., 646—while in Ohio the question of control is the test to be applied.

In the case at bar, the only negligence shown, being the negligence of a fellow-servant of the decedent, John Pachuta, the master, The Kelly Island Lime & Transport Co., cannot be held liable for the results of such negligence. The plaintiff in error was, upon the record, entitled to have judgment in its favor, and its motion to arrest the case from the jury, and for judgment, should have been sustained.

Judgment reversed and judgment for plaintiff in error.

SPEAR, DAVIS, SHAUCK and PRICE, JJ., concur.

THE CLEVELAND, LORAIN & WHEELING RAILWAY CO. v. SHANOWER.

70 O. S., 166.

(Decided April 26, 1904.)

Engineer and brakeman—Fellow-servants—Section 3365-22, Revised Statutes.

ERROR to the Circuit Court of Tuscarawas county:

Plaintiff by his petition, after certain formal allegations, alleged that on the twelfth day of December, 1899, he was directed by the defendant, plaintiff in error here, to act as brakeman on one of its freight trains, which train consisted of about thirty-two cars, a locomotive engine, and caboose; that on said date, while the train was in motion and running northward on said railroad, a short distance north of Flushing, the train of cars parted about twenty-two cars from the locomotive engine, leaving about ten cars and the caboose following the engine and twenty-two cars; that the engineer, with full knowledge that the train had parted, and that the said ten cars and caboose were following, carelessly and negligently permitted the said ten cars and caboose to overtake and collide with the twenty-two cars and the locomotive engine, wrecking the said cars, and thereby injuring the plaintiff to such an extent that his left leg had to be, and was, amputated; that the plaintiff was in the exercise of ordinary care and without fault or negligence on his part and that the engineer was employed by the defendant and actually had power and authority, as such employe, to direct and control the fireman employed by the defendant and working upon said locomotive engine attached to and hauling said train; and that the plaintiff as such employe, had no authority to direct and control any employe or person in the service of the defendant.

This petition was demurred to, for the reason that it does not state facts sufficient to constitute a cause of action in favor of the plaintiff against the defendant. The demurrer was overruled, and, after answer and reply, trial was had in the court of common pleas; and at the close of the plaintiff's testimony, as well as at the close of all the testimony, the defendant requested the court to instruct the jury to return a verdict in favor of the defendant, which was refused; and the court charged the jury, among other things, as follows: "If you find by a preponderance of the evidence that the engineman actually had power or authority to direct or control the fireman, and that the plaintiff, a brakeman, had no power or authority to direct or control any employe in the branch or department in which he was employed, then I charge you that the engineman and the plaintiff were not fellow-servants."

The court of common pleas overruled the motion for a new trial, and, on petition in error in the circuit court, the judgment was affirmed. Defendant below prosecutes error to reverse both of the judgments below.

DAVIS, J. This case is not controlled by the decision in *Railway Co.* v. *Margrat,* 51 Ohio St., 130. The facts of that case were held to justify the application of the statutory rule provided in the last clause of section 3365-22, Revised Statutes. Inasmuch as the engineer and the injured brakeman were engaged in distinctly separate enterprises, that is, the operation of separate trains, it was held that the engineer was a person "having charge or control of employes in any separate branch or department" and therefore the superior and not the fellow servant of the brakeman on another train who had "no power to direct or control in the branch or department" in which he was employed. There may be reasons for doubting the soundness of that interpretation of the words "separate branch or department," but that question does not necessarily arise here.

The statute is in derogation of the common law, and therefore it cannot be enlarged beyond its terms. It declares that it is intended to add to the liability already recognized by law. It does this in two particulars; First, it makes obligatory upon the courts of this state the superior servant rule, which was first announced in this court in *Little Miami Railroad Co.* v. *Stevens,* 20 Ohio, 415, and which was afterwards approved and followed in a number of other cases in this and other states, although it has been repudiated in many others. Second, it creates by force of the statute a relation of superior and subordinate where none exists in fact, and brings it within the operation of the rule mentioned. The contention in this case is to bring the engineer and brakeman within the second particular; for it does not seem to be seriously contended that the brakeman was actually under the direction or control of the engineer. There is in evidence a rule of the railway company which contains this sentence: "When there is no conductor, or he is disabled, the engineman will have charge of the train, and will be governed by the rules prescribed for conductors." But there was a conductor on this train, and he was not disabled. Shall we assume that the mere breaking of a link or a coupling pin dethroned him, and delegated from the master to the engineer authority to control the brakeman? The rules which are in evidence disclose no such provision, and we discover no foundation in fact or in reason, for making such an assumption. Upon cogent reasoning this court held in *Railway Co.* v. *Ranney,* 37 Ohio St., 665, that the relation of superior and subordinate, as between an engineer and a brakeman, is not created by a rule which requires the engineer to give certain signals, and which also requires brakemen to work the brakes in response to the signals. And much less could such a relation be implied from, or created by, the brakeman signalling to the engineer the information that the train had parted, and by the answering signal of the engineer.

It is conceded that the fireman is subordinate to the engineer; but in

order that this case may be controlled by the last clause of section 3365-22, Revised Statutes, it is necessary that the engineer and the brakeman should be in different branches or departments of service. Whatever may be the exact definition of the words "branch or department," as used in the statute, it seems clear to us that the engineer and the brakeman were associated in a common employment and in the same branch or department, viz.: that of operating the same train of cars. It does not appear that as between them there was any relation of superior and subordinate, either in fact or in law. Therefore, if there was negligence on the part of the engineer which produced the injury complained of, it was the negligence of a fellow-servant. It follows that the plaintiff has neither alleged nor proven a cause of action against the defendant.

It is insisted by counsel that this conclusion involves an injustice to somebody. For example, if we may suppose that the same act of negligence by the engineer, which caused the injury to the plaintiff, also caused an injury to another brakeman on another train; yet the latter may recover under *Railway Co. v. Margrat,* while the former may not. This is true, and assuming that *Railway Co.* v. *Margrat* correctly construes the statute, the result is attribuable to the statute itself. While attempting to modify the common law, it has not entirely abrogated it.

The court of common pleas erred in refusing to direct a verdict for the defendant below, and also erred in the charge. The judgment of the circuit court affirming that of the court of common pleas, and the judgment of the court of common pleas are both

Reversed and judgment rendered for plaintiff in error.

SHAUCK, PRICE, CREW and SUMMERS, JJ., concur.

PART II.

Manufactures.

MANUFACTURES.

STATE SUMMARY.

Giving totals and averages for 1904 compared with 1903.

Classification:	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	7,961	7,761	.....	200
Number of males employed (monthly average)	290,217	268,716	.....	21,501
Number of females employed (monthly average)	53,642	53,562	.....	80
Number of superintendents, salesmen and office help (monthly average)	31,603	32,498	895	.....
Capital invested in grounds, buildings and machinery	$385,895,325 00	$405,832,627 00	$19,937,302 00	.....
Value of goods produced or manufactured	759,039.559 25	720,662,642 75	.....	$38,376,916 50
Amount paid for rent, taxes and insurance	11,537,537 90	12,545,887 59	1,008,349 69	.....
Amount paid in wages	172,485,277 69	164,316,934 90	.....	8,168,342 79
Amount paid superintendents, salesmen and office help	33,844.195 32	35,179,399 20	1,335,203 88	.....
Number affected by advance in wages	62,537	22,368	.....	40,169
Number affected by reduction in wages	4,267	21,322	17,055 00	.....
Average per cent. advance in wages	7.9	8.4	.5	.....
Average per cent. reduction in wages	6.5	8.3	1.8	.....

THE DIVISIONS.

CLEVELAND.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	930	930	.....	.....
Number of males employed (monthly average)	56,544	52,427	.....	4,117
Number of females employed (monthly average)	9,213	9,033	.....	180
Number of superintendents, salesmen and office help (monthly average)	5,891	6,190	299	.....
Capital invested in grounds, buildings and machinery	$75.847,548 00	$77,225,245 00	$1,377,697 00	.....
Value of goods produced or manufactured	129,495,904 05	120,290,565 30	.....	$9,205,338 75
Amount paid for rent, taxes and insurance	2,442,735 90	2,693,428 87	250,692 97	.....
Amount paid in wages	35,261,744 73	33,118,006 38	.....	2,143,738 35
Amount paid superintendents, salesmen and office help	6,118,815 48	6,463,421 52	344,606 04	.....
Number affected by advance in wages	12,655	4,252	.....	8,403
Number affected by reduction in wages	503	3,102	2,599	.....
Average per cent. advance in wages	7.2	8.6	1.4	.....
Advance per cent. reduction in wages	12.	9.3	.....	2 7

COLUMBUS.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	394	365	.....	29
Number of males employed (monthly average)	13,671	11,535	.....	2,136
Number of females employed (monthly average)	3,238	3,064	.....	174
Number superintendents, salesmen and office help (monthly average)	2,305	2,186	.....	119
Capital invested in grounds, buildings and machinery	$17,713,739 00	$17,397,354 00	.....	$316,385 00
Value of goods produced or manufactured	39,171,950 85	33,754,076 96	.....	5,417,873 89
Amount paid for rent, taxes and insurance	629,940 25	633,961 58	$4,021 33	.....
Amount paid in wages	8,137,655 01	6,649,288 17	.....	1,488,366 84
Amount paid superintendents, salesmen and office help	2,642,249 64	2,361,742 68	.....	280,506 96
Number affected by advance in wages	3,541	2,590	.....	951
Number affected by reduction in wages	20	22	2	.....
Average per cent. advance in wages	5.6	5.3	.....	.3
Average per cent. reduction in wages	7.1	18.2	11.1	.....

CINCINNATI.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	1,214	1,174	.....	40
Number of males employed (monthly average)	44.926	43,331	.....	1,595
Number of females employed (monthly average)	15,053	14,397	.....	656
Number of superintendents, salesmen and office help (monthly average)	6,970	7,123	153	.....
Capital invested in grounds, buildings and machinery	$86,200,998 00	$88,988,970 00	$2,787,972 00	.....
Value of goods produced or manufactured	150,901.290 34	149,139,636 52	.....	$1,761,653 82
Amount paid for rent, taxes and insurance	2,963,625 90	3,213,427 53	249,801 63	.....
Amount paid in wages	28,300,555 66	30,786,195 72	2,485,640 06	.....
Amount paid superintendents, salesmen and office help	7,397,011 20	8,149,745 04	752,733 84	.....
Number affected by advance in wages	8,465	3,331	.....	5,134
Number affected by reduction in wages	90	211	121	.....
Average per cent. advance in wages	9.4	9.3	.....	.1
Average per cent. reduction in wages	10.0	8.1	.....	1.9

DAYTON.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	255	262	7	.....
Number of males employed (monthly average)	14,477	13,000	.....	1,477
Number of females employed (monthly average)	2.545	2,583	38	.....
Number superintendents, salesmen and office help (monthly average)	2,015	2,266	251	.....
Capital invested in grounds, buildings and machinery	$16,607,002 00	$19,528,601 00	$2,921,599 00	.....
Value of goods produced or manufactured	39,461,168 56	33,686,163 83	.....	5,775,004 73
Amount paid for rent, taxes and insurance	498,345 82	655,336 83	156,991 01	.....
Amount paid in wages	9,401 936 34	8,212,062 20	.....	1,189,874 14
Amount paid superintendents, salesmen and office help	3,312,104 40	3,566,451 72	254,347 32	.....
Number affected by advance in wages	4,403	954	.....	3,449
Number affected by reduction in wages	411	135	.....	276
Average per cent. advance in wages	7.2	5.5	.....	1.7
Average per cent. reduction in wages	4.5	6.9	2.4	.....

TOLEDO.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	324	315	.....	9
Number of males employed (monthly average)	12,659	11,861	.....	798
Number of females employed (monthly average)	2,084	2,034	.....	50
Number superintendents, salesmen and office help (monthly average)	1,393	1,435	42	.....
Capital invested in grounds, buildings and machinery	$15,096,647 00	$15,501,245 00	$404,598 00	.....
Value of goods produced or manufactured	33,038,883 47	31,334,524 36	.....	$1,704,359 11
Amount paid for rent, taxes and insurance	743,579 17	641,671 70	.....	101,907 47
Amount paid in wages	7,484,519 48	7,120,265 74	.....	364,253 74
Amount paid superintendents, salesmen and office help	1,383,486 00	1,416,977 28	33,491 28	.....
Number affected by advance in wages	4,381	1,306	.....	3,075
Number affected by reduction in wages	48	1,233	1,185	.....
Average per cent. advance in wages	6.6	5.3	1.3	.....
Average per cent. reduction in wages	10.3	10.8	.5	.....

CITIES.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	2,810	2,725	.....	85
Number of males employed (monthly average)	113,336	102,931	.....	10,405
Number of females employed (monthly average)	17,286	17,781	495	.....
Number superintendents, salesmen and office help (monthly average)	9,904	10,016	112	.....
Capital invested in grounds, buildings and machinery	$137,963,187 00	$143,360,019 00	$5,396,832 00	.....
Value of goods produced or manufactured	293,003,190 11	277,794,996 16	.....	$15,208,193 95
Amount paid for rent, taxes and insurance	3,254,221 92	3,663,273 33	409,051 41	.....
Amount paid in wages	66,296,336 25	60,529,609 69	.....	5,766,726 56
Amount paid superintendent, salesmen and office help	10,172,451 48	10,362,669 00	190,217 52	.....
Number affected by advance in wages	21,065	7,200	.....	13,865
Number affected by reduction in wages	2,135	14,603	12,468	.....
Average per cent. advance in wages	7.7	9.6	1.9	.....
Average per cent. reduction in wages	4.5	8.4	3.9	.....

VILLAGES.

Classification.	1903.	1904.	Increase.	Decrease.
Number of establishments reporting	2,034	1,990	.....	44
Number of males employed (monthly average)	34,602	33,631	.....	971
Number of females employed (monthly average)	4,223	4,670	447	.....
Number superintendents, salesmen and office help (monthly average)	3,125	3,282	157	.....
Capital invested in grounds, buildings and machinery	$36,466,204 00	$43,831,193 00	$7,364,989 00	.....
Value of goods produced or or manufactured	73,967,171 87	74,662,679 62	695,507 75	.....
Amount paid for rent taxes and insurance	1,005,088 94	1,044,787 75	39,698 81	.....
Amount paid in wages	17,602,530 22	17,901,507 00	298,976 78	.....
Amount paid superintendents salesmen and office help	2,818,077 12	2,858,391 96	40,314 84	.....
Number affected by advance in wages	8,027	2,735	.....	5,292
Number affected by reduction in wages	1,060	2,016	956	.....
Average per cent. advance in wages	9.9	9.6	.....	.3
Average per cent. reduction in wages	8.2	10.	1.8	.....

THE FOLLOWING TABLES SHOW THE LEADING OCCUPATIONS, NUMBER EMPLOYED, NUMBER DAYS WORKED, DAILY AND YEARLY WAGES, AND HOURS OF DAILY LABOR.

CLEVELAND.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	599	292	$1 15	$335 80	9.6
Blacksmiths	440	289	2 49	719 61	9.6
Boilermakers	123	295	2 73	805 35	9.2
Cabinetmakers	381	292	2 30	671 60	9.8
Carpenters	455	295	2 66	784 70	9 3
Compositors	316	287	2 81	806 47	9
Coopers	135	302	2 04	616 08	10.
Draughtsmen	253	279	3 57	986 03	8.3
Drivers	401	306	2 44	746 64	9 2
Electricians	92	299	2 30	687 70	10.
Engineers	478	290	2 61	756 90	10.1
Firemen	371	307	2 08	638 56	10.4
Foremen	400	300	3 14	942 00	9.8
Laborers	12,731	286	1 57	449 02	9.8
Machine hands	1,892	288	1 97	567 36	9.6
Machinists	3,396	290	2 58	748 20	9.6
Moulders	2,620	281	2 70	758 70	9.7
Packers	504	297	1 80	554 60	10.4
Painters	248	294	2 17	647 98	9.9
Rollers (steel)	32	263	11 27	2,964 01	8.9
Sawyers	95	294	2 18	640 92	9.8
Shippers	267	291	1 84	535 44	10.1
Teamsters	629	286	1 97	563 52	9.9
Tinners	466	293	2 24	656 32	9.4
Watchmen	139	290	1 94	562 60	10.9
Woodworkers	178	287	2 20	631 40	9.3
Yardmen	990	299	1 96	586 04	10.8

COLUMBUS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	42	307	$1 15	$353 05	10.8
Blacksmiths	234	304	2 16	656 64	9.1
Boilermakers	14	305	2 58	786 90	9.8
Cabinetmakers	47	300	2 55	765 00	9.6
Carpenters	49	299	2 37	708 63	9.5
Compositors	131	306	2 64	807 84	9
Coopers	11	311	2 30	715 30	9.2
Draughtsmen	41	308	2 28	702 24	9.6
Drivers	127	335	2 26	757 10	9.7
Electricians	72	319	1 85	590 15	9.7
Engineers	134	302	2 26	682 52	10
Firemen	65	320	2 06	659 20	10.1
Foremen	97	303	2 70	818 10	9.9
Laborers	1,940	264	1 44	380 16	9 3
Machine hands	218	291	1 86	541 26	9.7
Machinists	601	302	2 42	730 84	9.8
Moulders	407	273	2 69	734 37	9.6
Packers	87	306	1 72	526 32	9.7
Painters	325	302	1 86	561 72	9.1
Shippers	73	303	1 60	484 80	9.3
Teamsters	100	290	1 65	478 50	9.3
Tinners	116	299	2 22	663 78	8.5
Watchmen	29	302	1 69	510 38	10.6
Woodworkers	280	303	2 08	630 24	9.6
Yardmen	36	282	1 59	448 38	10

CINCINNATI.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	599	283	$1 03	$291 49	9.3
Bakers	161	312	1 96	611 52	9.6
Blacksmiths	485	283	2 49	704 67	8.2
Boilermakers	47	306	2 66	813 96	9
Cabinetmakers	816	326	2 20	717 20	9.7
Carpenters	510	300	2 68	804 00	9
Compositors	588	300	2 51	753 00	9.1
Coopers	488	265	2 08	551 20	9
Draughtsmen	89	304	2 32	705 28	8.2
Drivers	661	280	2 03	568 40	9.5
Engineers	481	282	2 59	730 38	9.4
Firemen	185	313	1 89	591 57	9.5
Foremen	317	317	3 04	963 68	9.4
Laborers	5,195	297	1 52	451 44	9.7
Machine hands	1,542	305	2 00	610 00	9.5
Machinists	2,249	286	2 36	674 96	9.4
Moulders	812	284	2 78	789 52	10
Packers	493	297	1 70	504 90	9.3
Painters	942	283	1 97	557 51	9.4
Sawyers	91	300	1 92	576 00	9.6
Shippers	239	300	1 56	468 00	9.5
Teamsters	118	283	1 93	546 19	10
Watchmen	124	302	1 81	546 62	10.4
Woodworkers	431	296	2 10	621 60	9.5
Yardmen	321	283	1 68	475 44	9.7

DAYTON.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	89	287	$0 93	$266 91	9.7
Blacksmiths	266	284	1 97	559 40	9.8
Boilermakers	65	285	2 21	629 85	10
Carpenters	530	296	2 37	701 52	9.6
Coopers	11	214	1 22	261 08	8.5
Draughtsmen	56	288	2 87	826 56	9.2
Drivers	133	299	2 17	648 83	9.5
Electricians	21	287	2 24	642 88	10
Engineers	102	277	2 59	717 43	10.3
Firemen	34	284	2 12	602 08	11.2
Foremen	50	276	2 97	819 72	9.7
Laborers	2,395	274	1 63	446 62	9 3
Machine hands	635	292	1 86	543 12	9.7
Machinists	1,517	287	2 16	619 92	9 7
Moulders	948	284	2 51	712 80	9.6
Packers	85	291	1 65	480 15	9.8
Painters	276	267	1 96	523 32	9.8
Shippers	133	282	1 59	448 38	9.9
Teamsters	64	282	1 70	479 40	9.8
Tinners	54	298	2 31	688 38	9.8
Watchmen	38	280	1 79	501 20	10.8
Woodworkers	104	272	2 00	544 00	9.9
Yardmen	15	280	1 65	462 00	10

TOLEDO.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	63	302	$0 93	$280 86	9.2
Blacksmiths	110	295	2 52	743 40	9.6
Boilermakers	41	299	2 88	861 12	10
Carpenters	225	295	2 01	592 95	9.8
Coopers	48	282	1 94	547 08	9.3
Draughtsmen	17	299	3 52	1,052 48	9.7
Drivers	38	331	1 74	575 94	9.3
Electricians	17	292	2 72	794 24	10.2
Engineers	135	278	2 30	639 40	9.9
Firemen	107	290	2 03	588 70	9.8
Foremen	98	282	2 92	823 44	9.8
Laborers	2,458	283	1 51	427 33	9.6
Machine hands	616	278	1 71	475 38	9.3
Machinists	826	296	2 16	639 36	9.5
Moulders	497	284	2 36	670 24	9.2
Packers	127	282	1 56	439 92	10
Painters	290	295	1 94	572 30	9.8
Shippers	110	295	1 74	513 30	9.8
Teamsters	107	268	1 88	503 84	9.3
Tinners	105	307	2 38	730 66	9.2
Watchmen	52	290	1 64	475 60	10.6
Woodworkers	314	300	1 96	588 00	9.7
Yardmen	55	276	1 55	427 80	9.1

CITIES.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	953	279	$1 06	$295 74	9.4
Bakers	285	306	2 14	654 84	9.9
Blacksmiths	1,518	290	2 25	652 50	9.6
Boilermakers	776	307	2 18	669 26	9.6
Cabinetmakers	509	287	1 99	571 13	9.9
Carpenters	1,341	250	2 29	572 50	9.6
Compositors	731	302	2 20	664 40	8.1
Coopers	102	293	1 92	562 56	9.2
Draughtsmen	120	290	2 82	817 80	9.3
Drivers	509	296	2 07	612 72	9.8
Electricians	355	315	2 15	677 25	10.7
Engineers	1,433	275	2 25	618 75	10.5
Firemen	692	284	1 88	533 92	11.6
Foremen	785	284	2 67	758 28	9.7
Laborers	27,529	271	1 55	420 05	9.9
Machine hands	2,947	281	1 72	483 32	10.
Machinists	6,060	291	2 32	675 12	9 8
Moulders	4,536	281	2 80	786 80	9.5
Packers	884	264	1 66	438 24	9.7
Painters	1,087	286	1 96	560 56	9.7
Rollers (steel)	475	261	9 66	2,521 26	8.5
Sawyers	161	272	1 77	481 44	9.7
Shippers	326	280	1 72	481 60	9.7
Teamsters	691	273	1 68	458 64	9.8
Watchmen	342	286	1 66	474 76	11.1
Woodworkers	1,110	287	1 93	553 91	9.6
Yardmen	551	249	1 56	388 44	9.8

VILLAGES.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings 1904.	Average hours of daily labor.
Apprentices	173	282	$1 07	$301 74	9.5
Bakers	79	307	1 83	561 81	10
Blacksmiths	428	283	2 12	599 96	9.9
Boilermakers	159	245	2 35	575 75	10
Cabinetmakers	156	282	1 78	500 96	9.9
Carpenters	405	271	2 07	560 97	9.7
Compositors	286	268	1 55	415 40	9.1
Coopers	136	249	1 54	383 46	9.5
Draughtsmen	38	284	2 42	687 28	9.2
Drivers	22	304	1 54	468 16	9.8
Electricians	58	292	2 11	616 12	10.4
Engineers	925	259	1 78	441 02	10.4
Firemen	563	265	1 77	469 05	10
Foremen	309	270	2 44	638 80	9.9
Laborers	10,420	248	1 53	379 44	9.8
Machine hands	1,477	273	1 81	494 13	9.9
Machinists	988	286	2 11	603 46	9.8
Moulders	820	283	2 25	636 75	9.4
Packers	461	269	1 59	427 71	9.6
Painters	474	284	1 88	533 92	9.3
Rollers (steel)	212	253	4 24	1,072 72	9.5
Sawyers	276	249	1 72	428 28	9.9
Shippers	66	284	1 66	471 44	9.9
Teamsters	537	269	1 56	419 64	9.9
Watchmen	113	244	1 51	368 44	10.9
Woodworkers	524	279	1 84	513 36	9.8
Yardmen	279	260	1 44	374 40	9.8

MANUFACTURES.

On January 1st, 1905, the following blank was mailed to the various manufacturers and producers of the State:

INDUSTRIAL AND WAGE SCHEDULE FOR 1904.

NOTE—Separate reports are required to be made for each plant operated during any part of the calendar year.

1. Name of firm, company or corporation.....
2. Where located, county of.....
3. Postoffice address.....
4. Class of goods produced or manufactured.....
.....
5. Capital invested in grounds, buildings and machinery..... $.....
6. Total value of goods produced or manufactured..... $.....
(Note—Estimating value of goods on hand at current prices.)
7. Amount paid for rent, taxes and insurance..... $.....
8. Total amount paid in wages..... $.....
(Note—Exclusive of salaried officials and office help.)
9. Total number of days in operation.....
(Note—Compute fractional parts of days to make whole days.)

10. OFFICE HELP.

Give total amount paid in Salary for each class per month.	Number Employed.	Total Amount Paid Per Month.	
Superintendents.....	.....	.....	.....
Salesmen.....	.....	.....	.....
Bookkeepers.....	.....	.....	.....
Clerks.....	.....	.....	.....
Stenographers.....	.....	.....	.....

11. Give number of persons employed exclusive of salaried officials and office help for each month during the year 1904.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1904	Males.....	....	....	....	....	....	....	....	....	....	....	....	....
	Females.....	....	....	....	....	....	....	....	....	....	....	....	....

12. Give below the number of employes in each separate occupation or branch of work, naming the occupation or trade, with the average daily wages and the average hours of labor per day, and also state whether there has been an advance or reduction in wages during 1904, and how much per cent. Do not include salaried officials or office help.

INCLUDE ALL EMPLOYES OVER 14 YEARS OF AGE.

Occupations. (Classify occupations of your employes fully in this column.)	Number Employed.		Average Daily Wages.		Hours of Daily Labor.		Change in wages in per cent. for year ending Dec. 31, 1904.			
							Advanced.		Reduced.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
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LAWS GOVERNING THE COLLECTION OF STATISTICS.

Sec. 308. The commissioner shall have an office in the state house which shall be a bureau of labor statistics, and he shall collect, arrange and systematize all statistics relating to the industrial, social, educational and sanitary conditions of the laboring classes, and to the productive industries of the state, including the names of firms, companies, or corporations, where located, capital invested in grounds, buildings and machinery; class and value of goods produced or manufactured; number of days in operation; amount paid yearly for rent, taxes and insurance; amount paid in wages; number of employes, male and female; number engaged in clerical work and manual labor, with detailed classification of the number and sex engaged in each class or occupation, and the average daily wages paid to each. Said commissioner is authorized to appoint special agents to represent the bureau with authority to visit the delinquent firms and collect such statistics, and perform such other duties as may be required, with like power as is conferred by law upon said commissioner. * * * *

Sec. 309. The commissioner shall have power to send for persons and papers, to examine witnesses under oath, to take depositions, to cause them to be taken by others by law authorized to take depositions; and said commissioner may deputize any uninterested person to serve subpoenas upon witnesses, who shall be summoned in the same manner and paid the same fees as witnesses before a county court, but for this purpose persons are not required to leave the vicinity of their residence or place of business; and any person or owner, operator, manager or lessee of any mine, factory, workshop, warehouse, elevator, foundry, machine shop, manufacturing or other industrial establishment, or any agent or employe of such owner, operator, manager or lessee who shall refuse said commissioner admission therein for the purpose of inspection, or who shall, when requested by him, willfully neglect or refuse to furnish to him any statistics or other information relative to his lawful duties which may be in their possession or under their control, or who shall willfully neglect or refuse, for thirty days, to answer questions by circular or upon personal application, or who shall knowingly answer any such questions untruthfully, or who shall refuse to obey the subpoenas and give testimony according to the provisions of this act shall, for every such willful neglect or refusal, be deemed guilty of a misdemeanor,

and upon conviction thereof shall be punished by a fine of not less than fifty nor more than five hundred dollars.

Sec. 310. The commissioner shall make an annual report to the general assembly of the work done by the bureau. Said report shall be so compiled so as not to expose, without a written consent, the name or private affairs of any person, firm, company or corporation that has furnished such information as the bureau requires.

Note.—As the time for the preparation of the annual report of the bureau of labor statistics is limited by statute, all persons receiving this schedule are cautioned against delay beyond the time allowed by the above law, and also against the making of partial reports. All partial or incomplete reports will be returned for correction.

REMARKS.....

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TABLE I.

GIVING BY INDUSTRIES THE NUMBER OF ESTABLISHMENTS REPORTED, CAPITAL INVESTED IN GROUNDS, BUILDINGS AND MACHINERY, TOTAL VALUE OF GOODS PRODUCED OR MANUFACTURED, AND AMOUNT PAID FOR RENT, TAXES AND INSURANCE FOR THE YEAR 1904.

TABLE Ia—MANUFACTURES—CLEVELAND.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	2	$800 00	$36,000 00	$1,640 00
Awnings, tents and flags	4	108,305 00	235,000 00	6,521 00
Bags (paper and burlap)	4	492,386 00	1,924,834 83	11,476 46
Bicycles, bicycle sundries and automobiles	10	1,296,126 00	2,775,300 50	36,253 22
Billiard tables, bar and store fixtures	5	78,000 00	176,500 00	6,750 00
Boilers, engines and tanks	10	176,907 00	318,380 00	8,782 56
Boots and shoes	3	25,250 00	765,840 00	7,346 00
Boxes (paper)	6	291,400 00	431,485 90	9,720 90
Boxes (wooden)	14	221,785 00	1,014,567 01	25,672 68
Bread and other bakery products	19	643,689 00	1,809,257 04	30,292 67
Brick and tile	14	973,500 00	702,926 70	9,632 48
Brooms and brushes	5	56,550 00	189,000 00	3,875 00
Buttons (pearl)	2	14,000 00	36,000 00	2,585 00
Carriages and wagons	27	353,254 00	823,816 89	73,536 33
Carriage and wagon materials	2	50,300 00	62,920 13	2,861 70
Chewing gum	2	63,350 00	1,336,964 35	4,070 99
Cigars	40	106,510 00	1,318,985 42	63,602 37
Clothing	158	636,404 00	10,176,216 82	263,158 51
Coffee, baking powder and spices	2	13,672 00	66,838 00	3,605 51
Coffins and burial cases	2	155,000 00	330,000 00	4,800 00
Confectionery	9	106,740 00	974,800 00	31,170 31
Cooperage	6	287,607 00	509,511 68	9,653 25
Copper and brass goods	17	724,000 00	1,340,623 59	34,040 28
Cotton and woolen goods (knit and woven)	9	1,484,137 00	3,505,622 54	39,363 90
Dairy products	5	405,000 00	1,073,587 50	14,102 00
Drugs, chemicals and druggists' sundries	14	683,150 00	1,109,586 46	61,513 90
Electrical goods and supplies	21	4,703,665 00	4,154,334 42	101,190 74
Elevators and hoisting machinery	3	76,569 00	139,165 00	4,781 03
Extracts, toilet articles and perfumery	4	22,449 00	132,490 53	10,846 04
Fertilizers	2	331,776 00	573,220 61	10,520 00
Flouring mill products	2	120,000 00	1,050,000 00	7,500 00
Foundry and machine shop products	71	7,709,611 00	14,061,500 51	227,235 08
Furniture	10	126,407 00	232,846 54	11,086 56
Gas and electricity	4	10,097,869 00	2,793,723 46	230,547 47
Gas mantels	3	4,600 00	106,400 00	4,962 00
Glass and glassware	3	52,316 00	101,186 32	5,152 39
Gunpowder and other explosives	2	500,000 00	400,000 00	7,850 00
Hardware	14	1,850,507 00	2,880,544 95	42,464 80
Harness and saddlery	9	37,000 00	71,819 15	4,876 31
Hats, caps and furnishings	7	41,144 00	291,285 84	10,085 00
Ice (artificial)	5	1,293,000 00	173,617 02	20,216 70
Inks	2	15,300 00	108,200 00	3,450 00
Iron (structural and architectural)	11	1,022,226 00	2,274,451 29	27,335 68
Jewelry and watches	4	6,256 00	123,500 00	3,883 00
Leather and leather goods	4	140,888 00	362,581 04	7,822 93
Lime, sand, cement and plaster	2	25,500 00	90,500 00	3,031 51
Liquors (malt)	11	9,457,999 00	2,097,122 97	104,066 13
Lithographing, engraving and electrotyping	11	240,900 00	539,645 82	16,751 76
Macaroni	3	67,000 00	139,500 00	2,400 00
Machinery	42	6,537,074 00	8 911,767 38	144,337 91
Marble and granite	8	112,500 00	370,920 00	8,043 15
Mattresses and pillows	2	37,000 00	154,603 00	3,000 00
Mouldings and frames	3	271,000 00	483,000 00	14,300 00
Oil and grease	9	3,682,290 00	5,492,916 23	82,651 57
Paints and varnishes	18	1,479,914 00	3,342,738 34	49,774 42
Patterns and models	3	30,080 00	61,000 00	5,960 00
Pianos and other musical instruments	2	45,000 00	74,500 00	1,650 00
Plating	2	3,500 00	22,000 00	1,330 00
Plumbing, steam and gas fitting supplies	10	191,406 00	636,683 74	18,281 17
Printing and binding	53	1,433,230 00	2,514,612 57	103,135 33
Pumps and water wheels	2	97,400 00	72 136 44	1,429 70
Roofing (steel, iron and tin)	5	28,000 00	151,000 00	4,745 00
Rubber goods	3	182,648 00	687,930 66	8,887 00
Rugs and carpet cleaning	2	25,687 00	57,000 00	3,709 00
Sash, doors, lumber and interior finish	24	569,882 00	2,876,536 90	99,922 62
Slaughtering and meat packing	8	1,180,421 00	5,515,754 00	33,223 38
Soaps, candle and tallow	5	66,500 00	168,000 00	4,064 40
Soda and mineral waters	10	75,600 00	89,177 00	4,368 00
Steel, iron and tin	9	4,933,794 00	9,905,678 34	168,300 98
Stencils, stamps and seals	5	16,700 00	33,000 00	2,443 00
Stone (cut, sawed and artificial)	6	3,277,319 00	2,003,710 49	38,551 96
Stoves, ranges and furnaces	14	1,268,700 00	2,827,440 23	49,119 50

TABLE I*a*—MANUFACTURES—CLEVELAND—Concluded.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Tinware, sheet-iron and galvanized-iron ware	16	$603,597 00	$1,384,272 57	$30,383 29
Tools	14	1,055,430 00	1,604,279 19	30,634 79
Trunks and valises	5	6,000 00	74,000 00	15,250 50
Umbrellas and parasols	3	5,000 00	158,000 00	7,000 00
Wire rods, wire cloth and wire goods	12	1,186,044 00	1,076,887 32	59,040 42
Miscellaneous	36	1,432,725 00	3,598,820 07	65,809 63
Totals	930	$77,225,245 00	$120,290 565 30	$2,693,428 87

TABLE I*b*—MANUFACTURES—COLUMBUS.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Awnings, tents and flags	4	$21,500 00	$66,000 00	$1,160 00
Bicycles, bicycle sundries and automobiles	2	7,500 00	17,000 00	3,200 00
Billiard tables, bar and store fixtures	4	101,100 00	234,878 00	6,280 00
Boilers, engines and tanks	7	228,850 00	275,852 24	9,300 29
Boots and shoes	7	1,263,480 00	5,512,493 60	36,093 50
Boxes (paper)	2	28,692 00	119,201 00	4,962 49
Boxes (wooden)	5	19,825 00	124,000 00	3,100 00
Bread and other bakery products	7	214,596 00	792,252 08	12,448 97
Brick and tile	4	179,435 00	76,394 00	5,490 00
Brooms and brushes	2	1,500 00	19,000 00	585 00
Carriages and wagons	14	942,850 00	2,077,417 00	37,043 73
Carriage and wagon materials	6	141,100 00	459,500 00	6,855 00
Cigars	17	12,223 00	169,752 10	5,661 10
Clothing	41	47,710 00	657,783 17	39,450 50
Coffee, baking powder and spices	2	18,000 00	312,300 00	4,000 00
Confectionery	4	13,000 00	183,317 00	7,793 62
Copper and brass goods	3	92,175 00	136,287 00	3,581 26
Dairy products	3	54,500 00	265,883 95	4,273 70
Drugs, chemicals and druggists' sundries	8	718,225 00	2,443,831 00	26,791 14
Extracts, toilet articles and perfumery	2	36,000 00	398,265 27	2,340 92
Flouring mill products	4	123,000 00	638,000 00	3,371 85
Foundry and machine shop products	22	839,356 00	2,103,984 94	34,233 42
Furniture	5	92,372 00	367,423 72	6,910 22
Furs	2	500 00	18,500 00	3,120 00
Gas and electricity	3	3,579,362 00	443,789 70	28,611 37
Glass and glassware	2	85,000 00	525,000 00	6,500 00
Gloves and mittens	2	3,209 00	96,982 07	1,498 50
Harness and saddlery	8	142,600 00	308,500 00	15,741 56
Hats, caps and furnishings	6	14,550 00	127 253 25	4,328 55
Ice (artificial)	2	517,700 00	100,744 40	2,640 10
Iron (structural and architectural)	3	39,000 00	127,447 69	1,781 00
Jewelry and watches	3	27,200 00	36,000 00	1,350 00
Leather and leather goods	3	90,500 00	550,000 00	7,500 00
Lighting apparatus	4	102,650 00	131,000 00	3,210 00
Lime, sand, cement and plaster	7	49,635 00	129,786 97	2,407 16
Liquors (malt)	4	1,336,000 00	2 141,493 00	92,187 42
Lithographing, engraving and electrotyping	6	79,218 00	245,142 86	6,607 04
Machinery	7	1,492,753 00	2,605,868 41	30,233 13
Marble and granite	2	55,000 00	117,922 67	575 00
Paints and varnishes	4	106,607 00	360,000 00	5,315 64
Paste	2	1,000 00	5,800 00	419 90
Pianos and other musical instruments	2	11,773 00	20,554 88	950 68
Printing and binding	28	365,232 00	754,658 46	31,430 74
Roofing (steel, iron and tin)	5	11,200 00	69,500 00	2,090 00
Rugs and carpet cleaning	3	9,153 00	32,966 85	1,523 70
Sash, doors, lumber and interior finish	12	132,350 00	396,097 09	16,527 00
Slaughtering and meat packing	2	1,400 00	177,000 00	1,715 00
Soap, candles and tallow	3	35,000 00	110,000 00	1,960 00
Soda and mineral waters	2	44,355 00	57,704 96	1,033 73
Starch	2	73,000 00	147,500 00	1,150 00
Steel, iron and tin	3	2,153,804 00	1,682,520 50	15,484 44
Stone (cut, sawed and artificial)	3	56,000 00	279,578 00	11,575 00
Stoves, ranges and furnaces	8	229,168 00	457,070 38	11,357 00
Tinware, sheet-iron and galvanized-iron ware	9	148,179 00	552,411 83	9,174 19
Tools	6	155,990 00	276,366 23	4,545 55
Trunks	3	20,696 00	85,900 00	6,610 00
Wire rods, wire cloth and wire goods	3	77,234 00	149,713 70	1,696 01
Miscellaneous	26	953,347 00	2,982,486 99	36,096 46
Totals	365	$17,397,354 00	$33,754,076 96	$633,961 58

TABLE I*c*—MANUFACTURES—CINCINNATI.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	4	$103,130 00	$313,250 00	$10,990 00
Awnings, tents and flags	7	134,565 00	322,671 49	9,978 00
Bags (paper and burlap)	6	240,500 00	669,758 93	17,764 61
Bicycles, bicycle sundries and automobiles	2	1,800 00	31,700 00	3,847 84
Billiard tables, bar and store fixtures	13	236,000 00	939,721 94	36,333 44
Boilers, engines and tanks	9	688,631 00	1,332,604 45	20,896 29
Boots and shoes	26	2,083,413 00	10,527,800 14	157,887 38
Boxes (paper)	9	87,903 00	427,635 67	22,708 85
Boxes (wooden)	11	273,373 00	780,319 22	15,453 19
Bread and other bakery products	26	471,726 00	2,632,712 66	55,889 98
Brick and tile	9	62,970 00	157,252 55	4,312 78
Brooms and brushes	10	89,900 00	542,700 00	13,781 00
Bungs	3	121,000 00	252,000 00	7,679 45
Carriages and wagons	50	932,916 00	6,822,980 90	115,386 01
Carriage and wagon materials	15	270,750 00	1,051,371 25	24,399 01
Cigars	54	615,567 00	4,972,637 97	120,901 03
Clothing	170	1,534,397 00	14,124,542 43	371,731 70
Coffee, baking powder and spices	7	34,500 00	725,331 47	16,445 36
Coffins and burial cases	4	638,000 00	1,263,100 00	17,801 00
Confectionery	14	245,759 00	1,277,095 00	29,711 00
Cooperage	11	879,310 00	1,179,519 63	19,188 93
Copper and brass goods	23	947,056 00	2,020,804 93	37,285 27
Cotton and woolen goods (knit and woven)	7	396,336 00	761,990 65	15,880 13
Drugs, chemicals and druggists' sundries	21	406,132 00	1,634,663 03	31,766 04
Electrical goods and supplies	9	1,302,100 00	1,866,041 00	97,496 80
Elevators and hoisting machinery	6	261,000 00	443,744 70	7,872 00
Extracts, toilet articles and perfumery	5	70,500 00	245,317 00	5,611 00
Fertilizers	2	257,682 00	393,174 85	8,271 66
Flouring mill products	3	165,382 00	495,115 61	4,916 62
Foundry and machine shop products	28	1,358,275 00	2,277,333 07	82,458 14
Furniture	49	2,202,858 00	4,065,059 80	126,793 57
Glass and glassware	4	280,800 00	952,355 00	10,500 00
Hardware	4	181,100 00	313,621 96	12,127 74
Harness and saddlery	11	257,056 00	902,542 00	15,925 00
Hats, caps and furnishings	15	104,976 00	927,195 00	25,520 48
Ice (artificial)	7	444,254 00	176,418 00	10,253 38
Inks	3	550,310 00	1,050,000 00	9,862 36
Iron (structural and architectural)	8	316,575 00	1,069,724 19	22,292 30
Jewelry and watches	14	126,076 00	426,816 56	13,719 95
Leather and leather goods	12	1,347,882 00	3,874,066 35	53,736 20
Liquors (distilled)	14	1,221,540 00	7,478,465 70	113,030 61
Liquors (malt)	21	8,458,937 00	6,528 464 20	169,756 62
Lithographing, engraving and electrotyping	20	1,557,403 00	1,515,699 90	52,737 62
Machinery	50	2,303,611 00	3,389,316 50	123,484 84
Malt	2	150,500 00	374,117 00	16,759 00
Marble and granite	4	24,750 00	110,600 00	2,250 00
Mattresses and pillows	4	122,265 00	352,145 00	6,881 00
Mouldings and frames	6	237,300 00	683,820 00	38,920 00
Oil cloth and window shade cloth	2	85,050 00	240,500 00	7,720 00
Oil and grease	8	907,553 00	1,220,478 00	22,658 32
Paints and varnishes	11	1,021,456 00	2,748,464 00	42,115 43
Patterns and models	8	9,625 00	80,656 39	5,940 00
Pianos and other musical instruments	3	83,714 00	1,017,914 69	27 039 90
Pickles, preserves and sauces	5	64,200 00	918,400 00	14,971 28
Plating	3	177,500 00	372 627 05	4,673 88
Plumbing, steam and gas fitting supplies	8	824,929 00	1,320,914 01	40,157 20
Pottery and stoneware	2	84,500 00	73,450 00	2,849 20
Printing and binding	84	5,688,976 00	5,050,306 36	214,680 54
Printers' rollers	3	12,050 00	33,600 00	1,850 00
Pumps and water wheels	4	46,270 00	1,159.851 76	3,469 00
Regalia	8	95,537 00	519,900 61	15,367 00
Roofing (iron, steel and tin)	7	47,780 00	269,080 00	4,535 00
Safes, vaults and locks	6	310,668 00	1,139,748 40	17,699 13
Sash, doors, lumber and interior finish	19	572,190 00	1,878,800 76	49,574 94
Slaughtering and meat packing	16	942,864 00	9,833,839 18	57,843 39
Soap, candles and tallow	17	7,581,255 00	12,788,194 76	91,006 37
Soda and mineral waters	7	108,500 00	88,258 00	4,032 00
Stencils, stamps and seals	6	59,027 00	82,706 58	5,975 00
Stone (cut, sawed and artificial)	3	53,500 00	152,850 00	2,950 00
Stoves, ranges and furnaces	13	599,368 00	1,461,755 83	52,075 11
Tinware, sheet-iron and galvanized-iron ware	23	510,914 00	1,387,525 67	31,667 74
Tobacco (chewing and smoking)	6	142,161 00	1,323,953 82	9,575 80

TABLE I*c*—MANUFACTURES—CINCINNATI—Concluded.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Tools	34	$2,287,300 00	$3,054,141 05	$75,182 73
Trunks and valises	7	32,925 00	181,500 00	11,530 00
Wire rods, wire cloth and wire goods	4	22,108 00	104,471 64	2,405 00
Miscellaneous	44	31,818,284 00	5,960,430 26	184,688 39
Totals	1174	$88,988,970 00	$149,139,636 52	$3,213,427 53

TABLE I*d*—MANUFACTURES—DAYTON.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	2	$75,178 00	$132,569 00	$1,839 00
Agricultural implements	4	782,821 00	984,474 54	59,802 76
Awnings, tents and flags	3	6,950 00	34,246 16	1,781 50
Boilers, engines and tanks	6	678,109 00	975,100 00	11,522 68
Boxes (paper)	4	478,787 00	703,762 65	18,979 88
Boxes (wooden)	4	59,969 00	179,454 87	5,177 24
Bread and other bakery products	6	127,892 00	444,035 46	66,386 44
Brick and tile	6	54,500 00	129,860 00	2,447 00
Brooms and brushes	3	2,100 00	40,200 00	351 00
Carriages and wagons	9	103,000 00	174,750 00	8,029 00
Carriage and wagon materials	4	225,322 00	343,760 32	5,277 81
Cigars	19	78,129 00	1,010,845 51	12,583 95
Clothing	22	59,733 00	507,700 00	17,564 00
Coffee, baking powder and spices	4	92,000 00	1,016,000 00	10,490 00
Confectionery	2	5,000 00	33,000 00	6,780 00
Copper and brass goods	2	179,910 00	324,694 00	4,569 00
Dairy products	2	95,000 00	170,241 27	1,812 26
Drugs, chemicals and druggists' sundries	2	4,312 00	92,000 00	3,740 84
Electrical goods and supplies	3	25,140 00	95,200 91	3,610 00
Flouring mill products	4	163,000 00	732,663 89	5,287 23
Foundry and machine shop products	19	4,043,249 00	10,730,678 32	107,829 58
Furniture	6	717,800 00	710,055 98	16,505 66
Glass and glassware	2	12,800 00	16,854 00	515 08
Harness and saddlery	2	800 00	15,400 00	2,165 00
Iron (structural and architectural)	2	50,000 00	45,000 00	670 00
Liquors (malt)	7	4,617,058 00	983,202 76	18,654 90
Machinery	15	2,540,498 00	4,726,479 10	66,672 80
Mattresses and pillows	2	12,500 00	21,000 00	820 00
Paints and varnishes	5	275,227 00	670,695 55	56,177 48
Patterns and models	2	6,600 00	10,536 30	357 92
Printing and binding	20	572,397 00	936,718 31	29,532 35
Sash, doors, lumber and interior finish	5	208,600 00	838,527 24	13,102 63
Slaughtering and meat packing	3	279,900 00	1,399,667 95	7,093 87
Soap, candles and tallow	7	95,335 00	1,060,484 50	8,800 56
Soda and mineral waters	3	9,675 00	32,800 00	2,550 00
Stone (cut, sawed and artificial)	2	14,300 00	83,600 00	652 50
Stoves, ranges and furnaces	4	268,914 00	321,544 62	8,053 06
Strawboards and paper	5	400,133 00	580,348 22	15,463 82
Tinware, sheet-iron and galvanized-iron ware	3	46,000 00	64,307 02	3,635 20
Tobacco (chewing and smoking)	4	74,600 00	216,308 80	8,167 95
Tools	5	54,644 00	77,470 00	3,220 50
Miscellaneous	28	1,930,719 00	2,019,926 58	36,664 38
Totals	262	$19,528,601 00	$33,686,163 83	$655,336 83

TABLE I*e*—MANUFACTURES—TOLEDO.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
Agricultural implements	2	$102,000 00	$82,828 83	$973 96
Awnings, tents and flags	3	176,000 00	177,000 00	27,430 00
Bath cabinets	2	18,165 00	49,755 00	1,562 96
Bicycles, bicycle sundries and automobiles	6	1,246,253 00	3,049,765 03	32,289 41
Billiard tables, bar and store fixtures	2	310,000 00	300,000 00	11,473 57
Boilers, engines and tanks	6	1,605,384 00	1,304,616 94	16,290 68
Boxes (paper)	3	30,519 00	54,271 84	4,704 32
Boxes (wooden)	6	43,577 00	153,000 02	6,250 79
Bread and other bakery products	9	361,181 00	958,198 36	9,415 07
Brick and tile	9	240,649 00	222,520 98	6,189 81
Brooms and brushes	6	137,014 00	252,458 13	9,860 37
Carriages and wagons	10	296,795 00	970,653 50	21,349 47
Carriage and wagon materials	5	218,234 00	493,868 70	9,580 73
Cigars	11	7,275 00	69,628 00	2,498 10
Clothing	33	152,786 00	1,537,478 05	32,624 06
Confectionery	3	16,400 00	107,400 00	4,316 00
Cooperage	3	97,800 00	117,323 00	2,385 70
Copper and brass goods	3	9,080 00	51,473 14	2,227 97
Cotton and woolen goods (knit and woven)	3	59,463 00	246,965 00	7,800 00
Dairy products	2	13,000 00	100,000 00	2,646 00
Drugs, chemicals and druggists' sundries	9	47,752 00	300,111 57	5,210 67
Electrical goods and supplies	5	59,380 00	329,161 23	9,792 60
Extracts, toilet articles and perfumery	3	900 00	33,000 00	1,688 20
Flouring mill products	9	867,000 00	4,044,519 26	45,390 63
Foundry and machine shop products	17	1,167,924 00	2,386,312 19	30,618 42
Furniture	13	402,450 00	770,977 75	16,032 88
Gas and electricity	2	1,088,300 00	340,397 67	21,022 11
Glass and glassware	2	200,000 00	938,350 00	19,063 57
Hats, caps and furnishings	2	30,300 00	63,000 00	4,285 00
Iron (structural and architectural)	2	178,000 00	945,000 00	6,693 94
Lime, sand, cement and plaster	4	45,992 00	172,629 30	4,667 00
Liquors (distilled)	2	160,000 00	160,840 00	4,457 00
Liquors (malt)	7	2,148,210 00	1,308,364 95	86,733 17
Lithographing, engraving and electrotyping	2	9,147 00	12,936 38	722 88
Machinery	10	522,651 00	912,633 95	24,669 59
Marble and granite	2	29,750 00	116,533 00	426 96
Mattresses and pillows	2	4,585 00	43,000 00	1,150 00
Oil and grease	4	372,771 00	1,861,995 82	14,750 61
Paints and varnishes	4	71,183 00	212,106 00	4,185 00
Pickles, preserves and sauces	2	46,924 00	185,121 97	1,274 64
Printing and binding	19	187,491 00	370,443 24	17,504 74
Sash, doors, lumber and interior finish	13	357,515 00	846,152 67	23,806 04
Soap, candles and tallow	2	43,000 00	116,310 96	888 96
Soda and mineral waters	2	106,000 00	59,536 10	1,484 60
Steel, iron and tin	3	1,275,962 00	1,572,367 23	14,836 00
Stencils, stamps and seals	3	2,200 00	10,450 00	1,090 00
Stone (cut, sawed and artificial)	2	41,032 00	79,565 67	1,706 61
Stoves, ranges and furnaces	3	141,000 00	120,623 88	3,320 00
Tinware, sheet-iron and galvanized-iron ware	14	252,071 00	825,302 73	18,493 82
Tools	3	19,900 00	22,235 00	1,156 49
Wire rods, wire cloth and wire goods	2	40,000 00	33,181 02	9,259 37
Miscellaneous	19	440,280 00	1,842,160 30	33,421 23
Totals	315	$15,501,245 00	$31,334,524 36	$641,671 70

TABLE If—MANUFACTURES—CITIES.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	11	$467,848 00	$1,363,979 97	$27,400 59
Agricultural implements	32	4,379,871 00	9,365,676 01	141,464 49
Awnings, tents and flags	3	3,250 00	18,752 00	724 00
Baskets	2	13,000 00	6,482 50	322 00
Bicycles, bicycle sundries and automobiles	14	350,469 00	942,377 52	18,125 74
Billiard tables, bar and store fixtures	3	36,100 00	68,336 52	4,035 50
Boilers, engines and tanks	64	8,249,611 00	9,409,990 58	147,268 22
Boots and shoes	13	811,369 00	7,484,322 79	67,962 36
Boxes (paper)	7	75,100 00	203,410 90	2,514 44
Boxes (wooden)	10	165,700 00	404,895 71	6,805 23
Bread and other bakery products	122	520,808 00	2,174,806 42	49,517 96
Brick and tile	107	4,946,283 00	4,499,552 84	90,699 93
Brooms and brushes	18	251,600 00	419,841 71	5,551 35
Canned goods	10	456,766 00	1,339,196 53	24,221 53
Carriages and wagons	102	1,749,045 00	3,636,960 55	71,648 13
Carriage and wagon materials	31	1,071,632 00	3,163,109 52	45,179 09
Cars and car furnishings	3	329,191 00	991,202 82	12,186 31
Castors	2	32,500 00	79,592 50	2,205 00
Chewing gum	2	16,286 00	152,818 49	1,002 00
Churns	2	28,840 00	80,180 00	1,207 38
Cigars	163	376,128 00	3,102,954 67	57,690 27
Clothing	205	367,480 00	2,664,385 52	95,035 08
Clothes wringers and washboards	3	24,750 00	42,000 00	710 00
Coffee, baking powder and spices	5	11,000 00	8,604 81	1,036 00
Coffins and burial cases	5	235,974 00	384,631 03	9,438 18
Confectionery	24	118,854 00	351,185 89	17,381 77
Cooperage	28	206,270 00	795,830 34	13,582 67
Copper and brass goods	12	427,400 00	859,400 00	13,306 05
Cordage and twine	2	584,935 00	1,425,266 37	19,224 58
Cotton and woolen goods (knit and woven)	17	1,031,485 00	1,820,390 79	28,951 09
Cutlery and edge tools	6	835,000 00	590,239 38	9,209 23
Dairy products	10	174,196 00	701,668 55	3,214 22
Dental and surgical chairs	3	92,200 00	204,784 93	3,312 54
Drugs, chemicals and druggists' sundries	31	205,826 00	894,507 70	15,229 58
Electrical goods and supplies	25	1,150,183 00	1,773,977 65	31,457 80
Extracts, toilet articles and perfumery	4	80,000 00	246,000 00	4,432 00
Fertilizers	9	373,385 00	424,224 36	4,273 96
Flouring mill products	103	3,109,456 00	17,798,885 14	147,167 81
Foundry and machine products	110	4,968,027 00	7,021,574 25	105,692 51
Furniture	37	2,064,959 00	3,526,688 70	66,009 22
Gas and electricity	74	14,046,990 00	2,771,240 44	147,081 40
Glass and glassware	23	2,613,085 00	3,943,352 26	75,562 12
Glass works' supplies	4	159,590 00	253,101 63	5,741 67
Gloves and mittens	9	86,780 00	380,339 42	5,221 96
Gunpowder and other explosives	7	453,128 00	738,610 00	9,973 42
Handles	10	180,256 00	309,960 03	7,676 18
Hardware	10	332,349 00	567,144 74	8,807 24
Harness and saddlery	15	152,496 00	884,267 75	12,565 07
Hats, caps and furnishings	4	11,700 00	360,400 00	1,690 00
Hollow ware	3	491,635 00	581,935 19	11,417 14
Ice (artificial)	31	1,356,722 00	752,220 59	29,942 80
Iron (structural and architectural)	15	1,194,747 00	2,486,583 45	31,470 13
Jewelry and watches	3	900,000 00	1,550,810 19	16,811 66
Leather and leather goods	11	317,178 00	1,137,944 21	15,848 61
Lighting apparatus	5	86,134 00	282,338 58	4,274 55
Lime, sand, cement and plaster	29	1,495,084 00	1,008,939 25	22,248 19
Liquors (distilled)	17	656,249 00	915,196 46	43,901 66
Liquors (malt)	51	4,639,372 00	3,936,592 92	143,538 28
Lithographing, engraving and electrotyping	6	46,500 00	51,576 00	1,842 00
Machinery	78	7,609,250 00	11,371,158 74	144,547 85
Malt	4	110,000 00	465,133 95	9,607 95
Marble and granite	20	125,385 00	271,318 58	5,328 65
Mattresses and pillows	8	82,157 00	324,139 84	2,666 32
Oilcloth and window-shade cloth	2	600,000 00	845,989 86	9,846 07
Oil and grease	5	947,219 00	3,939,086 43	17,377 51
Paints and varnishes	11	158,432 00	677,350 92	7,820 89
Patterns and models	8	50,600 00	46,964 16	2,667 00
Pianos and other musical instruments	8	219,410 00	598,785 53	8,460 01
Pickles, preserves and sauces	4	58,700 00	129,900 00	3,129 42
Plating	4	6,100 00	13,800 00	1,026 25
Plumbing, steam and gas-fitting supplies	9	499,759 00	903,592 99	14,672 52
Pottery and stoneware	55	4,852,013 00	7,635,764 21	99,353 05
Potters' supplies	6	293,727 00	310,392 35	12,514 36
Printing and binding	254	5,019,904 00	5,604,090 94	149,941 20

TABLE I*f*—MANUFACTURES—CITIES—Concluded.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Pumps and water wheels	9	$374,096 00	$669,751 20	$10,133 18
Roofing (iron, steel and tin)	14	326,025 00	780,990 99	7,985 31
Rubber goods	16	3,800,975 00	11,071,237 28	93,368 06
Rugs and carpet cleaning	2	10,950 00	6,500 00	183 95
Safes, vaults and locks	5	1,514,380 00	2,948,997 99	70,587 38
Sash, doors, lumber and interior finish	141	2,564,464 00	6,071,055 61	139,057 64
Slaughtering and meat packing	7	126,604 00	594,000 00	8,756 60
Soap, candles and tallow	10	81,157 00	152,672 20	2,934 60
Soda and mineral waters	45	265,800 00	265,145 44	10,288 37
Steel, iron and tin	56	30,615,901 00	82,199,815 35	494,426 64
Stencils, stamps and seals	3	3,800 00	6,710 63	425 00
Stone (cut, sawed and artificial)	20	527,423 00	346,172 86	5,383 96
Stoves, ranges and furnaces	37	2,286,660 00	4,421,007 49	80,939 14
Strawboards and paper	23	2,927,001 00	6,598,065 38	79,650 38
Sucker rods	2	9,500 00	80,000 00	831 45
Tinware, sheet-iron and galvanized-iron ware	44	1,163,672 00	4,227,849 24	53,232 32
Tobacco (chewing and smoking)	6	308,348 00	3,225,941 41	39,194 36
Tools	21	2,661,459 00	2,390,466 22	33,225 75
Whips	2	52,000 00	136,000 96	2,837 84
Wire rods, wire cloth and wire goods	10	553,880 00	923,983 25	16,034 84
Miscellaneous	89	2,940,496 00	4,185,925 09	62,827 62
Totals	2725	$143,360,019 00	$277,794,996 16	$3,663,273 33

TABLE Ig—MANUFACTURES—VILLAGES.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	2	$8,000 00	$14,000 00	$320 00
Agricultural implements	20	688,283 00	1,754,572 12	24,163 00
Baskets	9	76,231 00	146,057 30	2,584 22
Bicycles, bicycle sundries and automobiles	3	42,516 00	158,008 45	1,972 48
Billiard tables, bar and store fixtures	6	56,000 00	234,530 00	3,002 24
Boilers, engines and tanks	10	786,205 00	1,745,272 20	14,143 94
Boots and shoes	3	79,187 00	223,261 72	1,974 36
Boxes (wooden)	4	17,850 00	41,100 00	608 00
Bread and other bakery products	68	150,900 00	291,203 91	12,445 60
Brick and tile	214	6,954,009 00	9,147,759 58	88,439 42
Brooms and brushes	6	26,725 00	60,279 63	460 00
Canned goods	24	248,730 00	582,806 47	9,757 45
Carriages and wagons	69	609,741 00	1,817,311 60	30,777 21
Carriage and wagon materials	18	564,200 00	1,164,915 15	17,257 67
Cars and car furnishings	6	402,304 00	1,012,436 18	8,761 36
Churns	2	30,000 00	89,000 00	556 20
Cigars	95	53,405 00	507,717 29	10,073 86
Clothing	83	89,847 00	734,258 24	15,421 23
Confectionery	3	4,100 00	7,800 00	315 00
Cooperage	34	237,650 00	792,793 60	11,065 03
Cotton and woolen goods (knit and woven)	18	278,785 00	1,064,701 98	11,862 32
Cutlery and edge tools	2	20,643 00	49,400 00	1,168 16
Dairy products	58	292,170 00	1,214,364 43	8,246 26
Drugs, chemicals and druggists' sundries	15	680,017 00	1,503,628 06	11,546 37
Electrical goods and supplies	10	349,925 00	391,690 46	10,176 93
Fireworks	2	32,108 00	179,546 44	1,971 11
Flouring mill products	251	3,281,697 00	9,157,308 37	109,326 48
Foundry and machine shop products	62	1,855,957 00	2,917,801 46	41,045 54
Furniture	40	787,247 00	1,543,333 94	27,585 14
Gas and electricity	103	3,032,055 00	739,675 32	24,474 18
Glass and glassware	7	2,255,800 00	1,563,961 13	44,945 13
Gloves and mittens	2	18,800 00	160,000 00	1,025 00
Handles	26	127,376 00	463,181 33	5,900 28
Hardware	5	83,643 00	211,319 42	3,563 74
Harness and saddlery	18	444,894 00	1,370,145 58	11,580 15
Hollow ware	2	40,500 00	70,993 15	1,221 81
Ice (artificial)	11	243,406 00	77,207 00	4,387 00
Leather and leather goods	8	199,080 00	1,086,104 00	21,322 82
Lime, sand, cement and plaster	25	1,195,391 00	1,285,221 51	45,575 87
Liquors (distilled)	8	336,850 00	449,600 00	16,426 86
Liquors (malt)	10	379,400 00	241,682 80	7,222 50
Machinery	23	952,542 00	1,648,438 35	20,434 92
Marble and granite	15	116,300 00	194,263 35	2,232 83
Matches	3	649,225 00	1,780,779 00	20,114 28
Pianos and other musical instruments	3	71,174 00	148,850 00	2,313 00
Pickles, preserves and sauces	6	53,800 00	128,442 14	1,606 70
Pottery and stoneware	42	1,878,296 00	2,882,112 33	49,297 81
Printing and bintling	165	771,566 00	616,723 97	32,886 82
Pumps and water wheels	13	454,477 00	1,315,700 68	16,612 34
Rubber goods	8	340,550 00	553,790 05	8,144 87
Salt	6	467,154 00	341,925 41	9,665 29
Sash, doors, lumber and interior finish	161	1,275,953 00	6,061,957 69	57,145 02
Slaughtering and meat packing	3	54,183 00	292,383 42	1,390 79
Soda and mineral waters	11	30,450 00	49,378 55	1,044 50
Steel, iron and tin	18	5,603,930 00	2,114,933 13	15,731 89
Stone (cut, sawed and artificial)	20	222,724 00	281,499 99	7,919 67
Stoves, ranges and furnaces	10	125,574 00	322,391 00	3,771 20
Strawboards and paper	24	2,001,275 00	5,605,235 91	71,112 60
Tinware, sheet-iron and galvanized-iron ware	9	96,937 00	185,460 00	3,306 00
Tobacco (chewing and smoking)	2	4,100 00	57,500 00	600 00
Tools	9	112,334 00	248,173 75	4,002 66
Whips	3	32,643 00	110,122 29	3,545 62
Wire rods, wire cloth and wire goods	6	29,600 00	48,400 00	1,205 80
Miscellaneous	68	1,424,779 00	3,408,268 79	45,971 22
Totals	1990	$43,831,193 00	$74,662,679 62	$1,044,787 75

TABLE I*h*—MANUFACTURES—STATE.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Advertising novelties and signs	21	$654,956 00	$1,859,796 98	$42,189 59
Agricultural implements	58	5,952,975 00	12,187,551 50	226,404 21
Awnings, tents and flags	24	450,570 00	853,669 65	47,594 50
Bags (paper and burlap)	10	732,886 00	2,594,593 76	29,241 07
Baskets	11	89,231 00	152,539 80	2,906 22
Bath cabinets	2	18,165 00	49,755 00	1,562 96
Bicycles, bicycle sundries and automobiles	37	2,944,664 00	6,974,151 50	95,688 69
Billiard tables, bar and store fixtures	33	817,200 00	1,953,966 46	67,874 75
Boilers, engines and tanks	112	12,413,697 00	15,361,816 41	228,293 66
Boots and shoes	52	4,262,699 00	24,513,718 25	271,263 60
Boxes (paper)	31	992,401 00	1,939,767 96	63,590 88
Boxes (wooden)	54	802,079 00	2,697,336 83	63,127 13
Bread and other bakery products	257	2,490,792 00	9,102,465 93	236,396 69
Brick and tile	363	13,411,346 00	14,936,266 65	207,211 42
Brooms and brushes	50	565,389 00	1,523,479 47	34,463 72
Bungs	3	121,000 00	252,000 00	7,679 45
Buttons (pearl)	2	14,000 00	36,000 00	2,585 00
Canned goods	34	705,496 00	1,922,003 00	33,978 98
Carriages and wagons	282	4,987,601 00	16,323,890 44	357,769 88
Carriage and wagon materials	81	2,541,538 00	6,739,445 07	111,411 01
Cars and car furnishings	9	731,495 00	2,003,639 00	20,947 67
Castors	2	32,500 00	79,592 50	2,205 00
Chewing gum	4	79,636 00	1,489,782 84	5,072 99
Churns	4	58,840 00	169,180 00	1,763 58
Cigars	399	1,249,237 00	11,152,520 96	273,010 68
Clothing	712	2,888,357 00	30,402,364 23	834,985 08
Clothes wringers and washboards	3	24,750 00	42,000 00	710 00
Coffee, baking powder and spices	20	169,172 00	2,129,074 28	35,576 87
Coffins and burial cases	11	1,028,974 00	1,977,731 03	32,039 18
Confectionery	59	509,853 00	2,934,597 89	97,467 70
Cooperage	82	1,708,637 00	3,394,978 25	55,875 58
Copper and brass goods	60	2,379,621 00	4,733,282 66	95,009 83
Cordage and twine	2	584,935 00	1,425,266 37	19,224 58
Cotton and woolen goods (knit and woven)	54	3,250,206 00	7,399,670 96	103,857 44
Cutlery and edge tools	8	855,643 00	639,639 38	10,377 39
Dairy products	80	1,033,866 00	3,525,745 70	34,294 44
Dental and surgical chairs	3	92,200 00	204,784 93	3,312 54
Drugs, chemicals and druggists sundries	100	2 ,745,414 00	7,978,327 82	155,798 54
Electrical goods and supplies	73	7,590,393 00	8,610,405 67	253,724 87
Elevators and hoisting machinery	9	337,569 00	582,909 70	12,653 03
Extracts, toilet articles and perfumery	18	209,849 00	1,055,072 80	24,918 16
Fertilizers	13	962,843 00	1,390,619 82	23,065 62
Fireworks	2	32,108 00	179,546 44	1,971 11
Flouring mill products	376	7,829,535 00	33,916,492 27	322,960 62
Foundry and machine shop products	329	21,942,399 00	41,499,184 74	629,112 69
Furniture	160	6,394,093 00	11,216,386 43	270,923 25
Furs	2	500 00	18,500 00	3,120 00
Gas and electricity	186	31,844,576 00	7,088,826 59	451,736 53
Gas mantels	3	4,600 00	106,400 00	4,962 00
Glass and glassware	43	5,499,801 00	8,041,058 71	162,238 29
Glass works' supplies	4	159,590 00	253,101 63	5,741 67
Gloves and mittens	13	108,789 00	637,321 49	7,745 46
Gunpowder and other explosives	9	953,128 00	1,138,610 00	17,823 42
Handles	36	307,632 00	773,141 36	13,576 46
Hardware	33	2,447,599 00	3,972,631 07	66,963 52
Harness and saddlery	63	1,034,846 00	3,552,674 48	62,853 09
Hats, caps and furnishings	34	202,670 00	1,769,134 09	45,909 03
Hollow ware	5	532,135 00	652,928 34	12,638 95
Ice (artificial)	56	3,855,082 00	1,280,207 01	67,439 98
Inks	5	565,610 00	1,158,200 00	13,312 36
Iron (structural and architectural)	41	2,800,548 00	6.948,206 62	90,243 05
Jewelry and watches	24	1,059,532 00	2,137,126 75	35,764 61
Leather and leather goods	38	2,095,528 00	7,010,695 60	106,230 56
Lighting apparatus	9	188,784 00	413,338 58	7,484 55
Lime, sand, cement and plaster	67	2,811,602 00	2,687,077 03	77,929 73
Liquors (distilled)	41	2,374,639 00	9,004,102 16	177,816 13
Liquors (malt)	111	31,036,976 00	17,236,923 60	622,159 02
Lithographing, engraving and electrotyping	45	1,933,168 00	2,365,000 96	78,661 30
Macaroni	3	67,000 00	139,500 00	2,400 00
Machinery	225	21,958,379 00	33,565,662 43	554,381 04
Malt	6	260,500 00	839,250 95	26,366 95
Marble and granite	51	463,685 00	1,181,557 60	18,856 59

TABLE I*h*—MANUFACTURES—STATE—Concluded.

Industries.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Matches	3	$649,225 00	$1,780,779 00	$20,114 28
Mattresses and pillows	18	258,507 00	894,887 84	14,517 32
Mouldings and frames	9	508,300 00	1,166,820 00	53,220 00
Oilcloth and window-shade cloth	4	685,050 00	1,086,489 86	17,566 07
Oil and grease	26	5,909,833 00	12,514,476 48	137,438 01
Paints and varnishes	53	3,112,819 00	8,011,354 81	165,388 86
Paste	2	1,000 00	5,800 00	419 90
Patterns and models	21	96,905 00	199,156 85	14,924 92
Pianos and other musical instruments	18	431,071 00	1,860,605 10	40,413 59
Pickles, preserves and sauces	17	223,624 00	1,361,864 11	20,982 04
Plating	9	187,100 00	408,427 05	7,030 13
Plumbing, steam and gas-fitting supplies	27	1,516,094 00	2,861,190 74	73,110 89
Pottery and stoneware	99	6,814,809 00	10,591,326 54	151,500 06
Potters' supplies	6	293,727 00	310,392 35	12,514 36
Printing and binding	623	14,038,796 00	15,847,553 85	579,111 72
Printers' rollers	3	12,050 00	33,600 00	1,850 00
Pumps and water-wheels	28	972,243 00	3,217,440 08	31,644 22
Regalia	8	95,537 00	519,900 61	15,367 00
Roofing (steel, iron and tin)	31	413,005 00	1,270,570 99	19,355 31
Rubber goods	27	4,324,173 00	12,312,957 99	110,399 93
Rugs and carpet cleaning	7	45,790 00	96,466 85	5,416 65
Safes, vaults and locks	11	1,825,048 00	4,088,746 39	88,286 51
Salt	6	467,154 00	341,925 41	9,665 29
Sash, doors, lumber and interior finish	375	5,680,954 00	18,969,127 96	399,135 89
Slaughtering and meat packing	39	2,585,372 00	17,812,644 55	110,023 03
Soap, candles and tallow	44	7,902,247 00	14,395,662 42	109,654 89
Soda and mineral waters	80	640,380 00	642,000 05	24,801 20
Starch	2	73,000 00	147,500 00	1,150 00
Steel, iron and tin	89	44,583,391 00	97,475,314 55	708,779 95
Stencils, stamps and seals	17	81,727 00	132,867 21	9,933 00
Stone (cut, sawed and artificial)	56	4,192 298 00	3,226,977 01	68,739 70
Stoves, ranges and furnaces	89	4,919,384 00	9,931,833 43	208,635 01
Strawboards and paper	52	5,328,409 00	12,783,649 51	166,226 80
Sucker rods	2	9,500 00	80,000 00	831 45
Tinware, sheet-iron and galvanized-iron ware	118	2,821,370 00	8,627,129 06	149,892 56
Tobacco (chewing and smoking)	18	529,209 00	4,823,704 03	57,538 11
Tools	92	6,347,057 00	7,673,131 44	151,968 47
Trunks and valises	15	59,621 00	341,400 00	33,390 50
Umbrellas and parasols	3	5,000 00	158,000 00	7,000 00
Whips	5	84,643 00	246,123 25	6,383 46
Wire rods, wire cloth and wire goods	37	1,908,866 00	2,336,636 93	89,641 44
Miscellaneous	310	40,940,630 00	23,998,018 08	465,478 93
Totals	7761	$405,832,627 00	$720,662,642 75	$12,545,887 59

TABLE I*i*—MANUFACTURES—BY CITIES.

Cities.	No. of establishments reported.	Capital invested in grounds, buildings and machinery.	Total value of goods produced or manufactured during year 1904.	Amount paid for rent, taxes and insurance, during year 1904.
Akron	154	$12,424,217 00	$27,821,116 93	$295,960 64
Alliance	32	2,849,311 00	2,854,845 23	33,659 48
Ashtabula	28	606,131 00	1,412,157 95	25,800 67
Bellaire	28	2,380,723 00	9,232,586 99	55 323 36
Bellefontaine	32	611,917 00	.976 547 97	14,860 76
Bowling Green	14	206,207 00	500,816 89	12,664 78
Bucyrus	25	917,050 00	948,515 24	17,999 07
Bambridge	29	1,545,249 00	1,912,354 04	51,167 25
Canal Dover	20	1,158,761 00	2,202,832 50	24,686 98
Canton	117	6,606,000 00	12,885,744 76	171,020 70
Chillicothe	42	1,121,306 00	1,902,183 91	33,686 27
Circleville	28	849,745 00	2,183 325 56	31,659 71
Conneaut	19	215,987 00	348,194 33	12,833 62
Coshocton	34	778,208 00	1,800,223 84	55,633 31
Defiance	29	653,716 00	1,347,138 82	43,758 09
Delaware	28	573,047 00	744,016 38	14,740 03
East Liverpool	63	4,992,398 00	6,237,977 15	79,597 43
Elyria	43	1,733,205 00	1,855,325 14	31,277 40
Findlay	63	2,963,029 00	2,370,891 73	67,751 20
Fostoria	36	1,208,813 00	3,431,084 23	45,663 24
Fremont	48	2,272,815 00	2,283,126 11	51,650 41
Galion	21	335,693 00	500,027 34	14,263 95
Gallipolis	18	199,204 00	350,361 65	10,803 08
Glenville	1	50,000 00	201,358 95	2,200 00
Greenville	21	267,310 00	228.804 82	7,797 62
Hamilton	97	9,508,279 00	14,796,436 78	247,044 18
Ironton	49	1,631,724 00	4,426,375 30	60,061 12
Kenton	32	795,319 00	1,727,584 67	20,957 93
Lancaster	36	992,785 00	3,755,210 44	56,390 06
Lima	72	2,487,410 00	7,037,962 86	66,064 13
Lorain	29	9,742,611 00	5,521,898 18	104,272 20
Mansfield	79	2,524,642 00	6,545,848 04	101,066 30
Marietta	63	1,318,125 00	2,303,760 01	43,961 79
Marion	40	2,169,380 00	4,174,883 21	61,109 95
Martins Ferry	21	1,712,072 00	3,158,971 16	29,290 92
Massillon	44	2,750,678 00	3,308,782 26	53,837 30
Middletown	38	2,358,630 00	5,901,941 71	78,314 27
Mt. Vernon	24	1,099,079 00	1,743,813 00	21,534 92
Nelsonville	9	298,251 00	296,970 39	8,006 33
Newark	54	2,011,297 00	3,953,663 88	48,564 43
New Philadelphia	28	778,100 00	1,295,924 03	15,850 12
Niles	23	1,857,232 00	3,958,709 66	40,392 72
Norwalk	36	1,311,633 00	1,482,526 04	25,124 24
Norwood	8	961,600 00	1,330,448 00	11,979 90
Painesville	22	432,269 00	538,176 35	7,948 72
Piqua	61	2,003,842 00	3,594,986 17	80,348 03
Portsmouth	63	1,954,810 00	6,749,441 34	82,522 09
St. Marys	21	669,355 00	1,050,610 20	20,650 63
Salem	28	1,576,710 00	2,299,648 46	38,951 76
Sandusky	96	3,032,258 00	4,826,738 46	85,978 80
Sidney	36	755,593 00	1,831,594 03	24,780 99
Springfield	144	7,026,808 00	12,611,624 53	203,040 49
Steubenville	32	4,272,420 00	8,665,347 48	106,887 26
Tiffin	69	1,386,718 00	2,410,509 75	50,740 15
Troy	22	611,447 00	2,083,679 45	55,478 49
Urbana	37	706,406 00	1,273,035 24	22,995 61
Van Wert	23	336,873 00	370,087 62	10,093 19
Warren	53	1,924,133 00	2,841,997 38	53,254 57
Washington C. H.	20	253,806 00	1,151,108 86	11,049 55
Wellston	13	902,327 00	909,127 22	10,586 45
Wellsville	18	717,932 00	1,554,578 89	12,968 14
Wooster	26	500,900 00	526,524 83	8,170 39
Xenia	24	1,090,345 00	2,470,090 56	36,287 75
Youngstown	76	14,733,336 00	50,939,572 37	350,581 86
Zanesville	86	4,642,842 00	5,843,248 89	89,716 55
Totals	2725	$143,360,019 00	$277,794,996 16	$3,663,273 33

TABLE II.

GIVING BY INDUSTRIES THE NUMBER OF ESTABLISHMENTS REPORTED, THE AMOUNT PAID IN WAGES, THE NUMBER EMPLOYED AND THE SALARIES PAID OFFICE HELP FOR THE YEAR 1904.

TABLE IIa—MANUFACTURES—CLEVELAND.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	2	$11,250 00
Awnings, tents and flags	4	35,006 08
Bags (paper and burlap)	4	194,391 66
Bicycles, bicycle sundries and automobiles	10	832,319 34
Billiard tables, bar and store fixtures	5	70,600 00
Boilers, engines and tanks	10	108,573 58
Boots and shoes	3	201,324 00
Boxes (paper)	6	114,629 78
Boxes (wooden)	14	206,869 19
Bread and other bakery products	19	341,648 92
Brick and tile	14	287,328 45
Brooms and brushes	5	50,375 00
Buttons (pearl)	2	14,802 00
Carriages and wagons	27	232,567 20
Carriage and wagon materials	2	29,477 51
Chewing gum	2	68,509 90
Cigars	40	317,338 27
Clothing	158	2,799,060 03
Coffee, baking powder and spices	2	5,769 18
Coffins and burial cases	2	68,000 00
Confectionery	9	118,448 99
Cooperage	6	126,625 44
Copper and brass goods	17	357,387 96
Cotton and woolen goods (knit and woven)	9	517,077 32
Dairy products	5	125,488 00
Drugs, chemicals and druggists' sundries	14	356,775 55
Electrical goods and supplies	21	843,690 08
Elevators and hoisting machinery	3	33,095 15
Extracts, toilet articles and perfumery	4	29,416 04
Fertilizers	2	80,630 00
Flouring mill products	2	30,448 00
Foundry and machine shop products	71	5,140,574 34
Furniture	10	66,865 19
Gas and electricity	4	472,972 69
Gas mantels	3	16,980 00
Glass and glassware	3	19,360 71
Gunpowder and other explosive	2	64,000 00
Hardware	14	1,255,697 79
Harness and saddlery	9	20,757 27
Hats, caps and furnishings	7	53,711 31
Ice (artificial)	5	47,157 33
Inks	2	7,302 00
Iron (structural and architectural)	11	652,460 42
Jewelry and watches	4	27,018 00
Leather and leather goods	4	51,164 23
Lime, sand, cement and plaster	2	16,452 95
Liquors (malt)	11	526,579 32
Lithographing, engraving and electrotyping	11	200,187 62
Macaroni	3	24,750 00
Machinery	42	2,868,543 92
Marble and granite	8	152,207 68
Mattresses and pillows	2	21,585 00
Mouldings and frames	3	145,300 00
Oil and grease	9	813,074 63
Paints and varnishes	18	348,349 69
Patterns and models	3	30,960 00
Pianos and other musical instruments	2	37,815 31
Plating	2	14,400 00
Plumbing and gas fitting supplies	10	176,259 33
Printing and binding	53	834,328 00
Pumps and water wheels	2	20,945 71
Roofing (iron, steel and tin)	5	42,660 00
Rubber goods	3	194,872 24
Rugs and carpet cleaning	2	36,220 00
Sash, doors, lumber and interior finish	24	614,787 08
Slaughtering and meat packing	8	494,669 16
Soaps, candles and tallow	5	23,148 00
Soda and mineral waters	10	34,652 00
Steel, iron and tin	9	4,779,737 34
Stencils, stamps and seals	5	10,284 00
Stone (cut, sawed and artificial)	6	806,216 42

TABLE II*a*—MANUFACTURES—CLEVELAND.

Office help.									
Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
1	$100 00	3	$300 00	1	$48 00	..	.....	1	$24 00
6	570 44	11	612 00	3	211 00	3	$125 00	2	72 00
7	785 00	11	1,290 00	3	325 00	12	685 00	6	295 00
13	2,834 16	19	4,869 98	10	783 00	38	2,582 40	22	907 55
3	280 00	6	485 00	3	140 00	2	90 00	2	60 00
7	858 33	...	.....	8	575 00	3	90 00	1	40 00
5	481 33	12	2,100 00	2	173 33	10	351 00	1	56 33
6	683 30	8	637 50	5	339 67	4	166 00	3	90 00
10	1,220 00	5	645 00	9	495 00	6	355 00	1	50 00
7	880 00	100	8,036 56	15	1,029 00	19	718 00	5	183 00
14	1,795 82	3	325 00	8	470 00	4	147 33	1	70 00
2	300 00	5	540 00	3	260 00	8	375 00	3	130 00
..	.....	2	75 00	1	30 00	1	20 00	...	.....
11	925 00	5	550 00	8	370 00	...	.....	3	85 00
1	125 00	1	125 00	1	125 00	.....	.....	...	.....
1	375 00	5	580 00	1	110 00	2	75 00	...	.....
14	1,333 33	20	2,740 66	13	912 66	8	522 00	3	127 00
67	8,881 00	200	25,988 99	85	5,552 50	125	5,776 00	34	1,048 62
...	.....	8	1,250 00	3	196 00	1	45 00	1	30 00
6	1,030 00	7	750 00	3	355 00	3	210 00	1	40 00
5	540 00	23	2,628 88	10	642 32	48	1,067 00	5	186 00
5	700 00	...	.....	3	205 00	1	35 00	2	73 00
24	2,490 00	31	3,032 50	21	1,329 00	14	728 00	11	403 00
13	2,056 00	31	4,232 30	12	1,149 16	24	1,317 45	5	193 33
5	460 00	10	719 00	14	970 00	6	285 00	1	40 00
11	1,502 00	21	4,040 00	19	1,375 00	61	2,713 00	26	1,527 00
27	4,644 33	34	3,927 49	23	1,623 00	64	3,270 00	68	2,888 00
5	700 00	5	515 00	3	195 00	1	65 00	3	120 00
5	800 00	15	1,464 14	3	165 00	4	200 00	8	294 00
2	379 00	15	1,612 00	5	490 00	4	335 00	4	230 00
3	300 00	7	555 00	2	165 00	2	140 00	3	129 00
106	16,476 84	57	6,787 33	68	6,010 66	176	10,115 16	66	3,075 33
8	711 67	5	535 00	6	277 00	1	25 00	4	106 00
15	3,036 07	3	283 00	34	3,243 00	28	1,643 04	5	350 00
1	150 00	8	950 00	2	125 00	...	.....	5	155 00
2	235 00	3	350 00	2	160 00	1	36 00	4	99 00
3	541 66	3	375 00	2	208 33	2	80 00	3	130 00
27	3,959 00	19	2,750 00	27	2,115 33	31	1,920 00	21	852 00
1	45 00	...	.....	2	88 00	...	.....	...	.....
2	140 00	11	1,000 00	3	106 00	2	110 00	2	56 00
6	1,023 33	...	.....	5	216 67	...	.....	...	.....
1	125 00	9	925 00	2	140 00	1	90 00	1	35 00
27	4,510 66	14	1,948 00	13	1,210 00	37	2,152 50	15	735 00
2	227 00	5	650 00	2	200 00	4	290 00	4	225 00
5	518 33	4	510 00	4	246 00	1	60 00	2	85 00
2	237 50	1	137 50	...	.....	...	.....	...	.....
30	9,014 60	34	4,082 50	25	3,036 00	26	2,168 50	6	304 66
13	1,494 98	14	1,200 73	10	616 33	10	632 00	7	243 00
2	225 00	2	150 00	3	80 00	...	.....	1	40 00
146	21,171 65	70	15,574 41	65	6,584 50	185	11,266 44	81	4,087 33
4	729 33	5	515 00	2	175 00	2	100 00	3	163 00
2	183 33	2	160 00	2	115 00	1	60 00	1	60 00
3	275 00	11	1,175 00	4	250 00	5	235 00	3	120 00
27	3,626 34	64	5,938 30	23	2,222 02	232	14,346 92	44	2,077 10
66	7,956 66	134	15,673 50	27	2,097 50	95	4,249 17	56	2,366 33
1	100 00	...	.....	1	65 00	...	.....	...	.....
3	550 00	2	200 00	1	20 00	...	.....	1	40 00
...	.....	...	.....	...	.....	...	.....	...	.....
18	1,805 99	16	1,450 00	10	671 17	17	679 07	8	278 60
46	7,907 49	25	2,665 16	32	2,512 83	54	3,014 17	24	855 33
2	233 33	1	83 33	2	153 33	...	.....	1	32 00
2	160 00	...	.....	3	185 00	...	.....	2	70 00
3	425 00	6	390 00	3	275 00	10	1,000 00	3	175 00
4	248 00	...	.....	3	156 00	5	120 00	2	54 00
20	2,522 66	35	2,846 33	26	2,095 83	38	2,371 67	30	1,330 00
12	2,130 00	130	6,520 00	58	4,002 83	6	200 00	2	128 33
5	457 00	5	374 50	5	297 00	...	.....	1	22 00
2	200 00	9	388 00	6	355 00	1	16 00	...	.....
139	16,076 62	1	100 00	6	676 66	285	17,399 42	30	1,799 08
...	.....	1	60 00	...	.....	...	.....	1	27 00
26	2,898 32	16	2,307 77	8	746 66	22	2,211 64	9	607 50

TABLE II*a*—MANUFACTURES—CLEVELAND—Concluded.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Stoves, ranges and furnaces	14	$834,947 90
Tinware, sheet-iron and galvanized-iron ware	16	329,249 19
Tools	14	613,388 24
Trunks and valises	5	41,875 00
Umbrellas and parasols	3	15,400 00
Wire rods, wire cloth and wire goods	12	377,377 69
Miscellaneous	36	1,131,839 06
Totals	930	$33,118,006 38

TABLE IIa—MANUFACTURES—CLEVELAND—Concluded.

Office Help.									
Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
15	$1,918 35	20	$1,905 35	16	$1,271 00	34	$2,124 50	14	$638 25
12	1,359 66	8	727 00	12	755 00	10	638 00	9	493 00
15	2,405 00	23	2,275 00	15	915 00	48	2,148 00	16	655 00
7	522 00	10	652 00	4	222 00	3	110 00	...	.....
4	312 00	5	450 00	3	145 00	5	200 00	1	28 00
13	1,935 00	13	1,414 00	11	870 00	37	2,192 00	24	1,240 00
45	5,234 33	25	2,585 67	24	1,675 00	25	1,552 00	19	813 00
1,181	$164,043 74	1,452	$163,691 38	882	$68,396 29	1,918	$108,044 38	757	$34,442 67

TABLE II*b*—MANUFACTURES—COLUMBUS.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Awnings, tents and flags	4	$11,100 00
Bicycles, bicycle sundries and automobiles	2	8,600 00
Billiard tables, bar and store fixtures	4	68,123 31
Boilers, engines and tanks	7	116,045 65
Boots and shoes	7	1 093,724 29
Boxes (paper)	2	36,354 34
Boxes (wooden	5	36,100 00
Bread and other bakery products	7	101,270 17
Brick and tile	4	34,335 16
Brooms and brushes	2	3,605 00
Carriages and wagons	14	486,299 60
Carriage and wagon materials	6	98,809 22
Cigars	17	52,191 55
Clothing	41	173,876 97
Coffee, baking powder and spices	2	10,592 15
Confectionery	4	46,916 04
Copper and brass goods	3	49,364 02
Dairy products	3	34,321 25
Drugs, chemicals and druggists' sundries	8	116,605 02
Extracts, toilet articles and perfumery	2	14,951 20
Flouring mill products	4	18,648 00
Foundry and machine shop products	22	707,871 82
Furniture	5	82,813 45
Furs	2	6,200 00
Gas and electricity	3	112,610 75
Glass and glassware	2	203,000 00
Gloves and mittens	2	24,810 70
Harness and saddlery	8	61,525 00
Hats, caps and furnishings	6	26,904 62
Ice (artificial)	2	36,281 44
Iron (structural and architectural)	3	16,034 74
Jewelry and watches	3	11,757 78
Leather and leather goods	3	43,000 00
Lighting apparatus	4	54,117 95
Lime, sand, cement and plaster	7	21,585 44
Liquors (malt)	4	370,917 72
Lithographing, engraving and electrotyping	6	83,109 59
Machinery	7	614,053 80
Marble and granite	2	34,015 30
Paints and varnishes	4	30,016 00
Paste	2	640 00
Pianos and other musical instruments	2	6,924 53
Printing and binding	28	260.795 57
Roofing (iron, steel and tin)	5	20,054 00
Rugs and carpet cleaning	3	13,794 91
Sash, doors, lumber and interior finish	12	131,635 63
Slaughtering and meat packing	2	16,600 00
Soap, candles and tallow	3	13,500 00
Soda and mineral waters	2	9,451 25
Starch	2	13,586 61
Steel, iron and tin	3	251,303 78
Stone (cut, sawed and artificial)	3	128,636 73
Stoves, ranges and furnaces	8	122,040 96
Tinware, sheet-iron and galvanized-iron ware	9	121,806 99
Tools	6	109,582 63
Trunks and valises	3	14,812 01
Wire rods, wire cloth and wire goods	3	20 827 84
Miscellaneous	26	240,835 69
Totals	365	$6,649,288 17

TABLE IIb—MANUFACTURES—COLUMBUS.

Office Help									
Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary
2	$140 00	5	$460 00	2	$80 00	...	.....	1	$40 00
1	100 00	1	100 00	2	90 00	1	$60 00	1	45 00
3	325 00	4	300 00	4	275 00	3	100 00	3	105 00
5	616 66	3	295 00	4	375 00	4	185 00	3	115 00
67	10,767 00	144	27,600 00	17	1,120 00	49	2,065 00	15	671 00
2	463 00	1	55 00	1	75 00	...	.....	1	50 00
3	225 00	...	.....	...	.....	...	.....	2	66 00
5	690 00	44	3,089 40	10	526 00	20	706 33	3	116 00
6	700 00	1	125 00	2	175 00	2	120 00	2	90 00
...	.....	...	.....	...	.....	...	.....	...	.....
15	1,576 67	35	3,655 00	15	1,334 83	15	718 00	15	629 63
8	765 00	...	.....	5	285 00	5	265 00	2	59 00
8	385 66	5	175 00	...	.....	1	40 00	1	35 00
9	910 00	16	1,015 00	11	606 00	8	190 00	5	154 00
...	.....	17	1,900 00	2	140 00	3	170 00	2	100 00
3	240 00	22	1,480 00	5	383 00	8	345 00	2	56 00
2	250 00	3	225 00	2	140 00	4	239 00	5	178 00
...	.....	2	210 00	4	245 00	5	278 00	3	120 00
9	958 33	19	2,403 35	11	566 90	45	1,074 62	24	966 90
3	275 00	124	6,117 00	4	194 00	3	86 00	3	140 00
2	210 00	4	225 00	2	185 00	...	.....	1	40 00
28	3,150 34	182	23,162 70	25	1,600 00	17	885 00	20	745 00
10	929 00	2	200 00	4	259 00	2	46 00	2	130 00
...	.....	4	160 00	...	.....	1	65 00	...	.....
9	1,080 00	15	1,105 00	3	230 00	12	611 00	2	110 00
7	744 00	1	120 00	2	260 00	3	150 00	2	77 00
...	.....	...	.....	1	30 00	...	.....	1	24 00
4	325 00	23	1,745 00	5	335 00	7	345 00	3	106 00
1	80 00	4	425 00	4	230 00	5	250 00	1	20 00
1	125 00	1	70 00	2	121 00	4	200 00	2	70 00
2	275 00	...	.....	1	50 00	...	.....	2	86 00
...	.....	2	200 00	1	48 00	1	24 00	1	36 00
3	275 00	3	305 00	2	125 00	...	.....	1	40 00
3	250 00	2	125 00	2	143 33	1	40 00	1	30 00
2	100 00	2	110 00	6	335 00	4	114 00	2	50 00
14	3,805 00	15	1,758 33	13	1,305 00	12	1,040 00	6	285 00
5	546 67	4	550 00	5	295 50	5	185 65	5	174 53
22	4,909 48	22	3,443 33	12	993 33	59	4,276 33	24	1,247 00
1	100 00	2	90 00	3	172 00	1	32 00	1	40 00
6	1,258 33	21	2,198 33	5	400 00	8	448 00	5	130 00
1	60 00	1	100 00	1	50 00	...	.....	...	.....
1	72 00	1	150 00	2	64 00	...	.....	2	40 00
24	2,478 93	17	1,321 00	20	1,055 50	20	672 00	8	277 00
1	50 00	...	.....	1	50 00	...	.....	...	.....
1	120 00	...	.....	1	36 00	...	.....	...	.....
10	935 00	1	83 33	8	558 33	6	310 00	3	100 83
...	.....	3	132 48	1	52 08	...	.....	...	.....
...	.....	...	.....	...	.....	...	.....	...	.....
1	100 00	2	150 00	1	75 00	...	.....	...	.....
1	125 00	4	400 00	1	100 00	...	.....	1	45 00
6	1,288 21	3	375 00	3	300 00	7	553 00	3	135 00
2	216 66	...	.....	3	270 00	4	191 00	1	35 00
11	1,472 00	11	1,856 00	4	410 00	3	150 00	5	194 00
5	791 66	8	1,046 67	4	367 50	13	803 21	9	420 00
4	442 00	2	170 00	3	185 00	3	112 50	6	242 50
2	209 00	1	75 00	3	161 00	2	90 00	1	24 00
2	205 00	3	383 00	1	45 00	7	455 00	4	155 00
29	3,745 00	56	5,214 91	21	1,661 00	35	2,373 30	33	1,218 83
372	$49,860 60	868	$96,654 83	277	$19,168 30	418	$21,063 94	251	$10,064 22

TABLE IIc—MANUFACTURES—CINCINNATI.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	4	$88,225 00
Awnings, tents and flags	7	61,798 83
Bags (paper and burlap)	6	72,865 00
Bicycles, bicycle sundries and automobiles	2	4,987 51
Billiard tables, bar and store fixtures	13	293,783 20
Boilers, engines and tanks	9	389,808 93
Boots and shoes	26	2,473,095 04
Boxes (paper)	9	131,562 71
Boxes (wooden)	11	158,698 69
Bread and other bakery products	26	418,170 15
Brick and tile	9	59,117 78
Brooms and brushes	10	140,785 00
Bungs	3	42,734 00
Carriages and wagons	51	1,089,610 04
Carriage and wagon materials	15	317,346 18
Cigars	54	1,098,490 39
Clothing	170	3,655,077 59
Coffee, baking powder and spices	7	54,861 21
Coffins and burial cases	4	307,413 07
Confectionery	14	185,617 00
Cooperage	11	330,498 60
Copper and brass goods	23	591,112 01
Cotton and woolen goods (knit and woven)	7	115,854 66
Drugs, chemicals and druggists' sundries	21	114,565 81
Electrical goods and supplies	9	525,778 69
Elevators and hoisting machinery	6	108,313 81
Extracts, toilet articles and perfumery	5	14,098 00
Fertilizers	2	65,156 28
Flouring mill products	3	710,396 00
Foundry and machine shop products	28	848,750 60
Furniture	49	1,181,773 00
Glass and glassware	4	289,825 00
Hardware	4	97,532 85
Harness and saddlery	11	215,844 00
Hats, caps and furnishings	15	194,374 58
Ice (artificial)	7	47,077 75
Inks	3	90,360 75
Iron (structural and architectural)	8	295,746 06
Jewelry and watches	14	115,284 99
Leather and leather goods	12	604,604 66
Liquors (distilled)	14	252,454 88
Liquors (malt)	21	2,764,616 04
Lithographing, engraving and electrotyping	20	623,359 25
Machinery	50	1,039,737 07
Malt	2	21,059 00
Marble and granite	4	36,500 00
Mattresses and pillows	4	27,979 00
Mouldings and frames	6	170,395 00
Oilcloth and window shade cloth	2	22,000 00
Oil and grease	8	106,655 00
Paints and varnishes	11	133,977 52
Patterns and models	8	47,600 35
Pianos and other musical instruments	3	225,707 42
Pickles, preserves and sauces	5	97,287 12
Plating	3	125,047 01
Plumbing, steam and gas fitting supplies	8	308,528 42
Pottery and stoneware	2	42,030 00
Printing and binding	84	1,673,221 92
Printers' rollers	3	5,530 00
Pumps and water wheels	4	402,862 72
Regalia	8	114,646 25
Roofing (iron, steel and tin)	7	43,980 00
Safes, vaults and locks	6	247,185 00
Sash, doors, lumber and interior finish	19	516,289 16
Slaughtering and meat packing	16	431,273 95
Soap, candles and tallow	17	362,831 87
Soda and mineral waters	7	32,727 00
Stencils, stamps and seals	6	33,438 25
Stone (cut, sawed and artificial)	3	59,200 00
Stoves, ranges and furnaces	13	407,113 18

TABLE IIc—MANUFACTURES—CINCINNATI.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
6	$800 00	7	$600 00	6	$435 00	9	$440 00	10	$352 00
6	586 00	8	570 00	6	380 00	2	50 00	4	131 00
14	1,830 66	23	1,534 00	7	565 00	9	364 00	4	149 00
2	123 33	1	75 00	2	93 67	...	.....	...	.....
9	836 00	26	2,580 00	11	901 67	19	752 00	9	353 00
10	1,247 00	5	630 00	8	824 00	11	704 00	9	309 00
109	11,910 67	195	22,095 67	34	3,256 00	146	5,536 67	23	906 17
9	882 00	6	590 00	7	468 33	5	245 00	3	100 00
8	732 00	3	245 00	11	583 00	2	75 00	1	25 00
22	2,464 83	119	6,579 67	21	1,563 66	34	1,113 33	11	387 33
3	220 00	1	35 00	1	30 00	...	.....	...	.....
10	2,175 00	9	865 00	6	443 00	7	410 00	5	200 00
3	508 00	3	275 00	3	265 00	4	85 00	2	107 00
44	5,146 90	59	6,160 00	33	2,134 33	78	4,036 16	49	1,668 00
11	1,096 16	7	620 00	8	549 66	6	252 33	7	239 00
41	3,386 17	51	13,265 00	23	2,179 00	21	1,117 33	11	490 33
82	13,756 33	377	56,347 66	117	12,029 50	254	12,871 00	64	2,985 50
6	603 00	43	4,105 25	11	809 00	20	747 00	14	405 00
10	1,622 00	23	3,035 00	3	366 00	15	887 50	3	166 00
7	618 00	17	1,885 00	11	782 00	18	925 00	3	105 00
23	1,740 00	9	1,103 00	8	735 00	3	250 00	4	150 00
25	2,895 64	9	847 00	24	1,927 83	15	748 00	21	660 58
2	518 33	1	208 33	1	125 00	3	122 00	...	.....
20	2,832 50	106	14,945 00	19	1,243 17	26	1,172 00	25	883 00
28	4,683 33	15	2,255 00	10	832 00	62	3,166 00	27	1,072 00
4	522 00	5	800 00	3	250 00	4	240 00	5	332 00
2	130 00	1	200 00	1	375 00	1	85 00	2	65 00
4	376 65	11	1,100 00	3	210 75	5	374 67	5	140 33
4	572 00	5	395 00	3	315 00	2	110 00	3	80 00
43	5,843 26	9	1,180 83	26	1,964 20	29	2,154 17	12	629 00
69	7,298 01	62	7,250 00	40	2,786 33	43	3,255 40	27	1,441 00
6	820 00	6	850 00	4	355 00	9	560 00	3	125 00
7	816 67	7	490 00	3	280 00	8	375 33	2	100 00
8	898 00	24	2,595 00	8	700 00	20	880 00	6	227 00
10	958 00	27	3,270 00	10	609 00	20	915 00	4	113 00
5	591 67	3	250 00	7	661 33	3	160 00	...	.....
4	1,005 00	16	4,172 00	4	510 00	11	1,300 00	6	345 00
10	1,300 00	3	425 00	6	495 00	16	511 00	4	200 00
10	1,304 33	8	1,100 00	7	535 00	10	293 50	4	145 67
19	3,377 00	13	1,490 00	11	970 00	8	530 00	6	229 00
14	2,832 00	66	15,629 00	24	3,236 33	52	2,749 34	20	881 33
39	9,286 68	66	9,394 99	42	5,228 16	48	3,723 40	4	177 67
30	4,805 16	25	3,215 33	26	2,053 53	43	2,794 84	19	840 33
55	7,206 00	50	5,687 00	38	2,377 33	84	4,363 33	62	2,333 65
6	580 00	...	.....	2	178 00	1	86 66	...	.....
1	100 00	...	.....	1	80 00	...	.....	1	40 00
3	800 00	3	300 00	3	300 00	7	500 00	2	100 00
13	1,170 00	21	2,325 00	6	570 00	14	510 00	4	145 00
2	250 00	5	500 00	2	100 00	2	100 00	3	75 00
9	1,028 33	21	1,760 00	5	445 00	10	585 00	6	232 00
4	877 50	46	7,587 00	15	1,859 67	15	763 00	8	415 00
...	.....	12	500 00	5	207 00	.....	.....	3	62 00
4	735 00	1	500 00	3	252 50	7	286 00	3	124 00
1	125 00	24	2,138 67	5	373 83	7	399 00	5	216 00
3	475 00	4	925 00	3	209 99	2	97 00	2	85 00
14	1,902 00	26	3,207 90	10	872 00	10	443 33	9	429 00
3	444 00	3	270 00	1	75 00	3	90 00	2	77 00
80	12,920 62	58	6,933 00	55	3,808 16	157	8,534 25	44	1,776 33
...	.....	2	200 00	2	115 00	...	.....	...	.....
16	1,765 00	15	1,950 00	2	95 00	40	2,000 00	7	235 00
8	961 00	22	17,565 00	10	626 00	15	922 00	16	568 00
5	519 00	3	225 00	4	180 00	5	185 00	2	72 00
11	1,430 00	13	1,700 00	7	630 00	32	1,780 00	12	537 00
26	2,634 00	8	994 00	17	1,156 50	21	1,567 00	10	373 00
16	1,999 88	37	2,643 33	18	1,529 00	27	1,343 00	7	233 65
45	11,493 99	152	20,472 99	25	2,402 33	118	6,194 33	32	1,264 31
3	210 00	19	1,060 00	4	210 00	1	45 00	...	.....
6	367 00	2	113 00	2	105 00	5	165 00	3	47 00
6	665 00	...	.....	1	50 00	2	75 00	...	.....
27	2,980 00	44	4,902 00	17	1,225 00	28	1,019 00	31	1,075 00

TABLE II*c*—MANUFACTURES—CINCINNATI—Concluded.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Tinware, sheet-iron and galvanized-iron ware	23	$278,259 03
Tobacco (chewing and smoking)	6	78,061 31
Tools	34	965,874 26
Trunks and valises	7	50,842 00
Wire rods, wire cloth and wire goods	4	28,200 55
Miscellaneous	44	1,408,730 77
Totals	1,174	$30,786,195 72

TABLE II*c*—MANUFACTURES—CINCINNATI—Concluded.

Office Help.									
Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
11	$1,046 66	8	$685 00	14	$942 33	9	$439 00	7	$253 66
3	335 00	8	870 00	4	382 00	1	12 00	1	39 00
60	8,862 02	16	1,891 17	24	1,940 35	67	3,510 85	26	1,054 00
2	235 00	7	950 00	2	195 00	3	105 00	3	102 00
1	125 00	...	.....	...	.....	...	.....	...	.....
65	9,091 50	55	4,778 03	37	2,605 83	106	5,355 66	36	1,382 33
1,307	$179,283 78	2,165	$288,890 82	963	$81,153 27	1,900	$98,556 38	788	$31,261 17

TABLE II*d*—MANUFACTURES—DAYTON.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	2	$26,360 00
Agricultural implements	4	178,543 56
Awnings, tents and flags	3	6,096 62
Boilers, engines and tanks	6	261,780 78
Boxes (paper)	4	143,523 70
Boxes (wooden)	4	44,907 96
Bread and other bakery products	6	64,876 44
Brick and tile	6	51,575 40
Brooms and brushes	3	3,400 00
Carriages and wagons	9	65,776 30
Carriage and wagon materials	4	103,466 46
Cigars	19	271,281 32
Clothing	22	113,368 00
Coffee, baking powder and spices	4	39,841 00
Confectionery	2	2,672 00
Copper and brass goods	2	104,073 00
Dairy products	2	29,685 75
Drugs, chemicals and druggists' sundries	2	8,864 00
Electrical goods and supplies	3	30,296 93
Flouring mill products	4	35,000 00
Foundry and machine shop products	19	3,212,335 00
Furniture	6	217,936 45
Glass and glassware	2	6,500 00
Harness and saddlery	2	7,486 00
Iron (structural and architectural)	2	5,650 00
Liquors (malt)	7	139,297 67
Machinery	15	1,615,612 62
Mattresses and pillows	2	11,000 00
Paints and varnishes	5	42,800 82
Patterns and models	2	4,764 22
Printing and binding	20	255,267 91
Sash, doors, lumber and interior finish	5	226,320 43
Slaughtering and meat packing	3	79,544 71
Soap, candles and tallow	7	60,506 66
Soda and mineral waters	3	8,432 00
Stone (cut, sawed and artificial)	2	25,715 80
Stoves, ranges and furnaces	4	101,641 01
Strawboards and paper	5	128,350 63
Tinware, sheet-iron and galvanized-iron ware	3	26,500 00
Tobacco (chewing and smoking)	4	74,589 29
Tools	5	33,685 00
Miscellaneous	28	342,736 76
Totals	262	$8,212,062 20

TABLE II*d*—MANUFACTURES—DAYTON.

Office Help.									
Superintendents		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
2	$304 00	1	$200 00	2	$170 00	1	$40 00	4	$111 00
13	1,505 00	11	1,250 00	5	423 33	11	746 33	2	85 00
1	100 00	5	298 00	2	90 00	...	.....	...	.....
7	934 00	5	825 00	5	333 00	9	460 00	6	211 00
8	796 00	15	1,916 00	4	408 00	3	155 00	6	251 00
7	425 00	1	60 00	2	146 00	...	.....	2	51 00
10	1,118 00	29	1,815 00	7	527 00	6	257 00	4	135 33
5	450 00	1	100 00	1	50 00	1	24 00	...	.....
...	.....	1	40 00	...	.....	...	.....	...	.....
8	658 33	5	510 00	4	220 00	1	20 00	2	77 50
7	860 00	...	.....	4	200 00	1	60 00	1	40 00
13	1,126 50	6	1,567 50	9	528 67	...	.....	2	68 33
5	550 00	13	944 00	6	300 00	5	224 00	4	90 00
4	500 00	30	2,475 00	5	383 00	5	260 00	6	221 00
3	185 00	...	.....	1	25 00	...	.....	...	.....
4	758 00	2	500 00	2	160 00	6	431 00	2	73 00
1	166 66	...	.....	1	88 00	2	96 00	...	.....
2	190 00	1	115 00	2	105 00	...	.....	1	25 00
2	275 00	....	.....	2	155 00	...	.....	5	157 00
3	250 00	4	245 00	4	225 00	1	25 00	...	.....
80	17,932 48	472	152,904 65	78	6,392 69	295	14,047 41	207	8,919 93
11	890 40	17	1,524 24	5	300 00	6	266 00	4	182 00
...	.....	...	.....	1	40 00	...	.....	...	.....
...	.....	...	.....	...	.....	...	.....	...	.....
2	241 66	1	100 00	1	30 00	...	.....	...	.....
8	940 00	7	667 00	7	818 33	6	326 00	1	40 00
30	6,067 99	33	6,371 67	14	1,259 99	73	4,377 40	30	1,473 17
1	100 00	...	.....	...	.....	1	20 00	1	30 00
2	325 00	21	2,999 66	5	426 67	5	210 00	4	108 00
...	.....	...	.....	1	15 00	...	.....	1	32 00
30	3,200 11	19	1,913 00	16	1,123 33	23	1,051 00	11	429 00
15	1,885 33	5	312 00	5	362 00	4	195 00	3	128 33
11	823 00	15	1,513 00	7	440 00	3	140 00	2	90 00
6	372 00	32	2,215 00	6	450 00	...	.....	9	405 00
1	50 00	2	120 00	...	.....	...	.....	...	.....
2	185 00	...	.....	1	40 00	...	.....	1	40 00
3	475 00	8	675 00	4	505 00	2	160 00	3	106 00
6	828 00	2	125 00	5	423 00	2	150 00	5	194 50
1	136 50	...	.....	2	90 00	2	90 00	...	.....
6	525 00	2	120 00	3	245 00	...	.....	2	83 00
2	210 00	4	500 00	3	95 00	...	.....	1	25 00
36	3,211 23	25	3,372 16	21	1,476 95	30	1,687 71	24	890 34
358	$49,550 19	795	$188,292 88	253	$19,069 96	504	$25,518 85	356	$14,772 43

TABLE II*e*—MANUFACTURES—TOLEDO.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Agricultural implements	2	$13,074 82
Awnings, tents and flags	3	23,551 52
Bath cabinets	2	5,556 04
Bicycles, bicycle sundries and automobiles	6	1,121,329 82
Billiard tables, bar and store fixtures	2	80,909 84
Boilers, engines and tanks	6	372,341 25
Boxes (paper)	3	13,724 36
Boxes (wooden)	6	38,563 15
Bread and other bakery products	9	148,623 62
Brick and tile	9	126,289 02
Brooms and brushes	6	79,104 90
Carriages and wagons	10	247,999 99
Carriage and wagon materials	5	133,132 37
Cigars	11	33,411 23
Clothing	33	337,144 98
Confectionery	3	18,440 00
Cooperage	3	35,360 25
Copper and brass goods	3	14,147 45
Cotton and woolen goods (knit and woven)	3	57,908 00
Dairy products	2	12,320 00
Drugs, chemicals and druggists' sundries	9	19,395 79
Electrical goods and supplies	5	143,924 04
Extracts, toilet articles and perfumery	3	3 759 35
Flouring mill products	9	115,098 38
Foundry and machine shop products	17	901,933 04
Furniture	13	244 788 91
Gas and electricity	2	64 334 63
Glass and glassware	2	500 555 10
Hats, caps and furnishings	2	15,000 00
Iron (structural and architectural)	2	176 655 96
Lime, sand, cement and plaster	4	32,258 28
Liquors (distilled)	2	11,961 00
Liquors (malt)	7	208,087 04
Lithographing, engraving and electrotyping	2	3,293 35
Machinery	10	352,845 82
Marble and granite	2	16,584 00
Mattresses and pillows	2	7,044 16
Oil and grease	4	142,789 58
Paints and varnishes	4	17.567 28
Pickles, preserves and sauces	2	20 660 39
Printing and binding	19	119,548 68
Sash, doors, lumber and interior finish	13	184,699 75
Soap, candles and tallow	2	8,715 43
Soda and mineral waters	2	17,179 89
Steel, iron and tin	3	321,830 14
Stencils, stamps and seals	3	4,940 00
Stone (cut, sawed and artificial)	2	15,992 92
Stoves, ranges and furnaces	3	69,447 98
Tinware, sheet-iron and galvanized-iron ware	14	210,203 05
Tools	3	5,271 82
Wire rods, wire cloth and wire goods	2	12,313 48
Miscellaneous	19	238 653 89
Totals	315	$7,120,265 74

TABLE IIe—MANUFACTURES—TOLEDO.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
2	$156 00	1	$216 67	1	$78 00	1	$65 00	3	$79 33
1	75 00	14	1,225 00	2	125 00	2	100 00	2	60 00
1	65 00	2	140 00	2	95 00	2	40 00	3	65 00
15	2,585 00	28	3,124 00	9	673 34	20	1,073 00	20	938 00
4	375 00	2	150 00	4	325 00	15	600 00	8	260 00
7	1,013 66	5	510 00	9	718 00	6	345 00	3	130 00
1	100 00	...	.....	1	50 00	...	.....	1	30 00
7	660 00	1	100 00	4	271 00	1	40 00	...	.....
5	815 00	41	2,930 00	9	616 32	11	381 00	4	130 00
9	826 66	1	60 00	6	345 00	1	25 00	...	.....
4	700 00	9	695 00	3	219 00	2	80 00	6	174 00
21	2,475 00	2	135 00	7	271 00	12	650 00	6	240 00
7	997 00	5	335 00	6	360 00	2	160 00	2	88 00
...	.....	...	.....	...	.....	...	.....	...	.....
10	1,230 00	27	4,636 67	13	870 33	17	750 00	2	65 00
...	.....	9	720 00	3	106 66	1	24 00	1	25 00
3	308 33	1	83 33	2	150 00	1	35 00	...	.....
1	100 00	...	.....	2	80 00	...	.....	1	40 00
4	450 00	7	925 00	3	148 00	10	500 00	1	25 00
2	150 00	1	60 00	2	100 00	2	60 00	...	.....
6	553 00	11	918 00	4	205 33	3	120 00	16	383 33
9	824 00	12	1,196 00	7	415 00	8	365 00	5	187 00
1	125 00	7	410 00	2	140 00	5	186 00	2	46 00
14	2,345 54	6	489 66	11	960 34	6	298 44	6	247 49
23	3,666 65	5	625 00	15	1,028 50	64	3,664 00	16	692 00
11	1,327 50	15	1,735 00	9	481 00	1	50 00	4	156 00
4	676 66	3	271 50	5	325 00	4	190 00	...	.....
12	3,155 40	4	950 00	...	.....	8	972 00	...	.....
1	65 00	7	650 00	1	62 50	8	315 00	1	30 00
2	200 00	...	.....	2	150 00	41	3 113 50	2	93 00
4	370 00	7	722 50	3	200 00	2	100 00	3	111 60
2	433 33	3	528 33	1	183 33	3	298 33	...	.....
12	3 086 67	12	1,358 32	15	1 260 00	6	395 00	1	50 00
...	.....	...	.....	...	.....	...	.....	...	.....
10	1,448 33	5	533 33	8	606 66	9	536 67	9	355 00
1	100 00	5	285 00	2	90 00	1	75 00	...	.....
2	200 00	3	150 00	1	40 00	1	40 00	...	.....
8	1,148 32	1	175 00	5	545 00	9	620 00	5	240 00
3	350 00	12	1,175 00	4	220 00	3	130 00	2	55 00
4	305 00	6	550 00	2	120 00	1	60 00	...	.....
15	1,269 00	6	675 00	11	496 00	22	912 00	7	218 00
14	1,314 37	7	641 67	10	629 72	9	544 16	4	180 00
2	250 00	4	275 00	2	80 00	...	.....	1	25 00
2	163 84	1	75 00	2	160 00	1	50 00	...	.....
6	825 00	1	100 00	3	255 00	8	465 00	2	91 00
...	.....	...	.....	...	.....	...	.....	...	.....
1	80 00	...	.....	1	40 00	...	.....	...	.....
3	625 00	3	300 00	3	173 00	1	40 00	4	136 00
13	1,327 00	1	100 00	9	541 00	10	457 83	11	341 66
1	75 00	1	75 00	1	40 00	...	.....	1	40 00
2	175 00	1	100 00	1	60 00	...	.....	...	.....
11	1,311 83	23	2,650 00	26	1,063 00	31	1,755 00	14	563 00
303	$40,878 09	328	$33,759 98	254	$16,172 03	371	$20,680 93	179	$6,590 41

TABLE II*f*—MANUFACTURES—CITIES.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	11	$309,866 88
Agricultural implements	32	1,830,380 38
Awnings, tents and flags	3	4,976 00
Baskets	2	3,219 99
Bicycles, bicycle sundries and automobiles	14	205,109 53
Billiard tables, bar and store fixtures	3	31,905 92
Boilers, engines and tanks	64	2,798,708 85
Boots and shoes	13	1,523,280 27
Boxes (paper)	7	48,530 50
Boxes (wooden)	10	86,894 70
Bread and other bakery products	122	333,261 72
Brick and tile	107	1,815,176 20
Brooms and brushes	18	100,121 03
Canned goods	10	184,853 75
Carriages and wagons	102	839,898 84
Carriage and wagon materials	31	745,424 85
Cars and car furnishings	3	259,134 73
Casters	2	20,061 58
Chewing gum	2	13,250 00
Churns	2	16,838 27
Cigars	163	901,503 39
Clothing	205	788,031 05
Clothes wringers and washboards	3	5,950 00
Coffee, baking powder and spices	5	1,757 55
Coffins and burial cases	5	106,951 46
Confectionery	24	75,157 90
Cooperage	28	248,582 39
Copper and brass goods	12	173,529 03
Cordage and twine	2	202,734 41
Cotton and woolen goods (knit and woven)	17	341,939 08
Cutlery and edged tools	6	292,953 49
Dairy products	10	45,915 29
Dental and surgical chairs	3	45,174 29
Drugs, chemicals and druggists' sundries	31	77,503 48
Electrical goods and supplies	25	515,849 23
Extracts, toilet articles and perfumery	4	54,159 00
Fertilizers	9	41,312 10
Flouring mill products	103	713,168 50
Foundry and machine shop products	110	2,706,460 05
Furniture	37	992,909 81
Gas and electricity	74	728,049 04
Glass and glassware	23	2,026,140 42
Glass works supplies	4	76,813 90
Gloves and mittens	9	95,745 40
Gunpowder and other explosives	7	158,300 48
Handles	10	90,869 94
Hardware	10	205,020 49
Harness and saddlery	15	123,698 33
Hats, caps and furnishings	4	31,209 92
Hollow ware	3	220,341 40
Ice (artificial)	31	161,908 30
Iron (structural and architectural)	15	587,524 40
Jewelry and watches	3	823,461 55
Leather and leather goods	11	132,072 14
Lighting apparatus	5	63,234 63
Lime, sand, cement and plaster	29	376,940 38
Liquors (distilled)	17	74,261 87
Liquors (malt)	51	613,634 52
Lithographing, engraving and electrotyping	6	21,114 06
Machinery	78	2,888,687 79
Malt	4	29,507 00
Marble and granite	20	66,989 52
Mattresses and pillows	8	59.366 47
Oilcloth and window shade cloth	2	54,510 59
Oil and grease	5	338,759 20
Paints and varnishes	11	42,477 87
Patterns and models	8	26,086 23
Pianos and other musical instruments	8	166,550 01
Pickles, preserves and sauces	4	14,583 00
Plating	4	7,445 00

TABLE II*f*—MANUFACTURES—CITIES—Concluded.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Plumbing, steam and gas fitting supplies	9	$299,582 89
Pottery and stoneware	55	3,417,123 39
Potters' supplies	6	66,900 49
Printing and binding	254	1,884,254 90
Pumps and water wheels	9	234,722 53
Roofing (steel, iron and tin)	14	105,225 18
Rubber goods	16	1,993,530 72
Rug and carpet cleaning	2	3,000 00
Safes, vaults and locks	5	820,802 26
Sash, doors, lumber and interior finish	141	1,386,643 63
Slaughtering and meat packing	7	45,036 65
Soap, candles and tallow	10	21,126 80
Soda and mineral waters	45	66,248 41
Steel, iron and tin	56	14,473,696 76
Stencils, stamps and seals	3	460 00
Stone (cut, sawed and artificial)	20	163,207 97
Stoves, ranges and furnaces	37	1,876,412 00
Strawboards and paper	23	967,153 05
Sucker rods	2	11,950 00
Tinware, sheet-iron and galvanized-iron ware	44	643,425 07
Tobacco (chewing and smoking)	6	336,939 61
Tools	21	711,618 71
Whips	2	26,161 74
Wire rods, wire cloth and wire goods	10	301,033 56
Miscellaneous	89	865,617 03
Totals	2,725	$60,529,609 69

TABLE II*f*—MAUFACTURES—CITIES.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
20	$2,814 66	111	$18,758 89	17	$678 00	5	$145 00	15	$508 20
84	10,007 37	166	15,682 64	48	3,873 00	137	7,488 10	61	2,443 93
1	90 00	1	70 00	1	45 00	...	.....	...	.....
2	74 00	1	24 00	...	.....	...	.....	...	.....
17	2,308 33	19	2,025 00	6	380 00	15	650 05	11	345 00
2	200 00	10	800 00	3	115 58	...	.....	2	63 25
103	13,909 88	131	15,115 79	68	5,329 49	91	5,564 03	54	2,450 82
54	6,044 68	120	20,650 00	13	885 00	118	4,227 15	14	530 33
6	503 50	1	70 83	3	171 66	1	30 00	1	40 00
6	686 83	1	75 00	2	120 00	2	52 00	1	25 00
11	814 67	49	3,687 58	18	1,086 33	33	929 19	5	156 34
87	11,129 75	27	3,791 00	46	3,015 66	34	1,779 00	22	763 66
9	943 00	15	1,365 00	5	240 00	5	150 00	4	118 00
12	1,393 67	8	485 00	5	360 00	3	139 00	3	89 00
43	4,325 66	60	5,944 83	37	2,089 16	23	1,020 00	29	1,001 66
38	3,698 90	14	1,461 50	16	1,068 75	17	750 00	16	558 00
12	1,111 66	1	425 00	3	325 00	8	470 00	5	220 00
2	180 00	...	.....	1	80 00	...	.....	1	20 00
1	125 00	3	250 00	1	60 00	2	65 17	1	40 00
2	280 00	1	60 00	1	50 00	...	.....	1	25 00
42	3,458 15	37	4,153 11	19	1,252 00	10	367 00	7	264 17
20	1,993 32	76	6,054 62	23	1,578 00	19	883 35	13	410 00
2	160 00	3	170 00	2	62 00	...	.....	...	.....
2	180 00	1	75 00	2	125 00	...	.....	2	45 00
5	640 00	13	1,020 00	5	426 00	9	376 66	3	75 60
10	923 00	25	1,879 49	10	593 17	11	414 00	2	51 00
16	1,252 50	5	500 00	9	504 00	3	130 00	3	82 00
22	2,550 00	16	3,100 00	11	714 00	24	1,200 00	21	840 00
5	544 33	6	800 00	6	384 18	6	456 32	6	271 51
15	1,730 32	21	2,185 00	13	784 33	13	610 00	10	309 33
5	680 00	13	720 00	10	610 00	15	429 97	13	349 00
7	655 00	1	52 00	9	433 00	...	.....	2	93 00
5	485 00	13	2,525 00	4	305 00	1	14 00	5	223 50
15	1,388 50	106	6,436 00	15	731 00	4	120 00	30	932 00
26	3,281 33	29	3,206 00	27	1,755 49	36	1,485 67	42	1,579 34
8	990 00	15	1,310 00	4	228 00	3	122 00	4	116 00
7	750 00	15	1,235 00	4	235 00	4	195 00	3	105 00
77	7,673 16	42	3,101 39	65	3,460 33	36	1,428 00	23	887 00
92	11,469 48	36	4,749 50	62	4,259 96	56	3,035 72	46	1,731 00
62	6,584 27	48	4,535 99	24	1,462 00	13	571 33	14	509 33
83	9,594 31	3	248 33	64	3,191 95	51	1,846 34	12	459 25
54	8,351 83	25	3,398 71	26	2,364 83	32	1,678 83	23	951 33
5	650 00	...	.....	2	200 00	3	235 00	2	100 00
4	292 00	2	115 00	3	92 00	...	.....	1	24 00
12	2,236 00	3	500 00	6	500 00	1	60 00	2	105 00
7	938 00	1	25 00	3	230 00	...	.....	4	125 00
21	2,112 40	5	588 33	6	352 00	7	383 00	3	100 00
5	575 00	14	1,340 00	6	370 00	7	350 00	3	95 00
4	500 00	25	2,200 00	3	225 00	2	150 00	4	120 00
7	1,088 66	14	1,300 00	3	205 00	4	110 00	6	184 00
27	2,720 99	4	290 00	24	1,456 41	14	695 00	5	160 00
18	2,558 00	35	6,210 00	17	1,372 00	32	2,459 50	14	575 50
3	525 00	8	850 00	3	385 00	5	525 00	8	301 67
11	2,315 32	7	1,193 68	7	403 33	2	140 00	4	214 66
11	1,018 00	2	170 00	7	481 66	15	955 00	8	359 00
25	2,538 66	6	578 06	19	942 00	6	256 70	8	214 33
14	2,104 99	30	3,567 22	11	750 00	4	210 00	7	285 00
57	9,890 48	31	3,013 33	46	3,874 82	25	1,481 99	3	110 00
4	267 00	1	60 00	1	65 00	...	.....	4	100 00
103	14,916 06	83	9,704 49	63	4,722 25	118	6,911 42	90	3,959 42
3	366 66	1	316 66	3	186 66	...	.....	...	.....
5	395 00	14	793 00	6	283 66	1	20 00	2	63 00
7	354 00	7	530 00	6	291 67	3	84 00	4	98 00
2	400 00	1	166 66	...	.....	5	355 00	2	79 33
7	805 00	...	.....	2	153 33	20	1,262 49	2	108 33
11	1,211 67	29	2,591 11	11	850 00	3	101 67	11	400 00
1	150 00	...	.....	1	25 00	...	.....	1	17 00
14	1,912 05	9	1,015 33	8	451 77	2	48 00	4	207 50
3	230 66	6	420 00	1	30 00	1	70 00	...	.....
...	.....	...	.....	...	.....	...	.....	...	.....

TABLE II*f*—MANUFACTURES—CITIES—Concluded.

Office Help.									
Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
14	$1,482 34	18	$1,851 67	7	$510 50	14	$589 50	8	$346 00
112	13,674 00	172	23,044 57	63	4,905 83	42	2,061 00	51	1,914 20
6	617 33	...	.....	3	203 33	3	193 33	2	88 00
146	14,339 99	99	6,942 82	129	6,037 25	129	6,197 41	96	3,296 50
7	1,050 00	4	385 00	3	293 33	12	603 50	8	339 00
9	972 00	5	480 00	8	480 00	10	540 00	6	166 00
53	8,519 17	88	13,297 66	37	3,224 64	141	9,855 81	109	6,466 68
1	40 00	...	.....	1	24 00	...	.....	...	.....
10	3,065 07	60	14,000 00	7	1,021 33	34	2,426 83	11	462 66
111	10,878 17	31	2,294 99	99	5,888 46	31	1,516 33	26	803 83
7	558 33	6	450 00	5	300 00	7	272 75	...	.....
4	333 33	8	600 00	3	201 66	1	25 00	2	45 00
11	729 33	12	645 00	6	175 00	1	40 00	...	.....
229	40,985 55	21	2,548 70	48	4,199 00	537	39,516 95	72	3,577 00
...	.....	...	.....	...	.....	...	.....	1	12 00
17	1,306 66	1	175 00	8	481 66	4	260 00	5	162 00
68	7,899 74	94	9,896 79	38	2,591 33	38	1,940 33	28	984 00
34	5,227 32	14	2,116 33	20	1,673 66	24	1,561 33	20	723 66
3	270 00	...	.....	2	80 00	1	35 00	...	.....
45	4 738 00	32	2,751 00	24	1,424 33	42	2,058 33	26	935 83
5	1,253 00	19	1,616 00	5	659 50	14	653 85	7	241 17
24	3,244 92	14	1,521 63	17	1,309 66	20	943 48	17	673 33
1	187 50	13	708 66	2	116 33	...	.....	1	25 00
17	1,712 75	5	475 00	4	322 00	10	597 41	8	301 00
75	7,329 45	51	4,634 49	50	3,111 83	46	1,831 54	49	1,601 33
2,492	$309,461 61	2,393	$270,170 27	1,565	$103,565 06	2,281	$129,406 33	1,285	$50,952 48

TABLE II*g*—MANUFACTURES—VILLAGES.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	2	$2,750 00
Agricultural implements	20	375,529 12
Baskets	9	71,520 12
Bicycles, bicycle sundries and automobiles	3	31,805 52
Billiard tables, bar and store fixtures	6	68,883 24
Boilers, engines and tanks	10	486,108 21
Boots and shoes	3	42,445 36
Boxes (wooden)	4	19,050 00
Bread and other bakery products	68	51,000 00
Brick and tile	214	2,736,202 53
Brooms and brushes	6	18,071 97
Canned goods	24	81,324 61
Carriages and wagons	69	437,108 64
Carriage and wagon materials	18	326,562 56
Cars and car furnishings	6	164,243 57
Churns	2	17,404 15
Cigars	95	160,841 81
Clothing	83	160,093 39
Confectionery	3	1,210 00
Cooperage	34	263,481 49
Cotton and woolen goods (knit and woven)	18	210,383 04
Cutlery and edge tools	2	18,601 84
Dairy products	58	87,461 51
Drugs, chemicals and druggists' sundries	15	300,842 16
Electrical goods and supplies	10	104,782 75
Fireworks	2	61,713 04
Flouring mill products	251	449,573 99
Foundry and machine shop products	62	838,457 23
Furniture	40	486,261 41
Gas and electricity	103	189,012 92
Glass and glassware	7	665,209 29
Gloves and mittens	2	28,000 00
Handles	26	155,520 61
Hardware	5	62,897 43
Harness and saddlery	18	279,578 86
Hollow ware	2	21,935 00
Ice (artificial)	11	25,778 35
Leather and leather goods	8	97,504 37
Lime, sand, cement and plaster	25	456,689 87
Liquors (distilled)	8	42,915 62
Liquors (malt)	10	43.164 25
Machinery	23	451,242 28
Marble and granite	15	46,689 23
Matches	3	453,525 02
Pianos and other musical instruments	3	49,267 10
Pickles, preserves and sauces	6	19,184 50
Pottery and stoneware	42	1,412,142 98
Printing and binding	165	215,776 38
Pumps and water wheels	13	253,204 49
Rubber goods	8	117,793 30
Salt	6	139,650 26
Sash, doors, lumber and interior finish	161	813,105 07
Slaughtering and meat packing	3	19,103 86
Soda and mineral waters	11	4,129 50
Steel, iron and tin	18	2,073,574 35
Stone (cut, sawed and artificial)	20	119,522 75
Stoves, ranges and furnaces	10	120,424 27
Strawboards and paper	24	710,671 72
Tinware, sheet-iron and galvanized-iron ware	9	45,016 25
Tobacco (chewing and smoking)	2	5,755 00
Tools	9	118,577 63
Whips	3	26,475 37
Wire rods, wire cloth and wire goods	6	7,351 12
Miscellaneous	68	537,404 74
Totals	1,990	$17,901,507 00

TABLE II*g*—MANUFACTURES—VILLAGES.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
...	.....	...	.....	...	.....	...	.....	...	.....
24	$2,062 16	41	$3,290 00	14	$965 50	19	$748 50	14	$498 00
5	356 66	...	.....	5	190 00	...	.....	...	.....
1	150 00	...	.....	3	150 00	...	.....	2	61 00
5	421 00	2	105 00	5	173 00	2	130 00	2	58 00
7	1,365 00	1	100 00	11	830 00	15	936 00	7	384 00
2	316 67	6	428 16	2	200 00	3	96 00	2	41 00
1	125 00	...	.....	1	35 00	...	.....	...	.....
2	90 00	3	120 00	2	41 00	12	372 00	...	.....
130	12,656 20	24	2,867 32	54	3,231 66	40	2,206 00	27	1,116 00
1	75 00	...	.....	1	75 00	...	.....	...	.....
17	1,284 00	4	185 00	11	451 00	3	125 00	...	.....
10	926 33	22	2,185 66	13	778 33	12	430 00	10	379 00
17	1,925 00	5	666 67	8	511 67	5	220 00	5	174 00
4	466 00	1	200 00	6	415 00	5	210 00	4	152 50
4	400 00	...	.....	3	160 00	...	.....	...	.....
8	465 00	8	530 00	1	12 00	2	48 00	...	.....
10	766 00	14	2,039 33	5	132 16	7	186 00	2	30 83
...	.....	1	50 00	...	.....	...	.....	...	.....
20	1,338 33	5	475 00	8	359 50	1	50 00	2	200 00
14	1,855 99	7	487 10	6	396 33	8	330 50	4	132 35
1	83 33	...	.....	...	.....	...	.....	2	56 00
21	1,477 00	3	140 00	15	513 33	2	39 00	...	.....
20	2,087 68	37	2,869 84	8	635 00	16	927 00	14	499 20
9	1,158 33	21	2,715 30	8	378 01	14	514 26	13	514 66
2	375 00	2	300 00	2	211 00	1	45 00	1	45 00
60	4,322 66	26	1,555 99	66	2,941 64	11	441 33	8	236 85
42	3,850 00	6	1,155 00	29	1,798 34	24	1,643 68	19	773 34
40	3,196 00	31	2,063 88	26	1,552 67	6	235 00	8	217 00
62	4,519 16	1	60 00	21	698 59	21	393 24	2	75 00
19	2,627 00	9	285 00	10	671 00	6	300 00	7	304 00
1	100 00	1	100 00	2	97 00	...	.....	2	50 00
11	854 83	5	175 00	6	285 00	...	.....	2	76 00
4	375 00	10	891 00	6	285 00	6	132 50	8	261 75
13	1,090 00	22	1,073 00	7	368 00	11	475 00	8	310 00
3	248 00	4	256 00	2	174 00	3	72 00	1	24 00
5	387 50	...	.....	6	273 33	...	.....	...	.....
...	.....	3	725 00	2	100 00	2	125 00	1	50 00
36	3,474 08	15	1,276 66	14	891 00	13	652 00	11	384 33
7	883 00	5	966 50	6	322 00	4	146 00	1	40 00
4	395 00	5	425 00	6	350 00	1	40 00	...	.....
25	2,365 50	24	2,182 00	12	968 00	13	613 00	20	677 00
5	563 33	4	200 00	1	60 00	...	.....	2	31 66
5	699 99	32	2,607 97	5	411 66	7	375 00	3	155 00
1	150 00	5	1,210 00	3	165 00	1	13 00	2	80 00
5	508 33	6	500 00	5	311 66	2	90 00	2	55 00
63	5,875 98	113	10,309 99	29	1,983 99	19	843 00	25	736 50
43	3,001 32	9	460 50	15	426 00	9	193 66	9	190 84
10	1,073 33	36	3,785 00	10	752 50	25	1,404 00	10	525 00
7	940 83	4	475 00	7	407 50	6	346 00	6	283 33
7	755 00	...	.....	6	355 00	5	190 00	2	65 00
57	4,391 00	25	1,672 33	71	3,161 29	16	790 00	14	526 00
3	212 00	4	183 00	3	114 00	...	.....	...	.....
1	50 00	1	40 00	1	40 00	1	25 00	...	.....
27	5,148 36	2	250 00	10	1,037 83	80	4,939 58	13	535 00
19	1,320 34	2	175 00	9	512 25	...	.....	1	40 00
7	436 66	8	591 66	2	100 00	5	310 00	1	25 00
39	5,075 23	10	1,706 00	22	1,828 83	11	528 00	13	481 99
3	277 00	20	1,710 00	5	227 00	3	161 00	5	112 00
...	.....	...	.....	1	40 00	...	.....	...	.....
7	618 65	...	.....	6	257 00	2	92 00	2	90 00
7	685 00	26	2,560 00	3	150 00	...	.....	2	85 00
4	310 00	8	300 00	2	100 00	1	60 00	3	87 00
45	5,276 16	35	3,408 16	27	1,871 91	35	1,634 78	30	1,092 75
1,032	$98,281 92	724	$65,089 02	656	$36,933 48	516	$24,877 03	354	$13,017 88

TABLE II*h*—MANUFACTURES—STATE.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Advertising novelties and signs	21	$438,451 88
Agricultural implements	58	2,397,527 88
Awnings, tents and flags	24	142,529 05
Bags (paper and burlap)	10	267,256 66
Baskets	11	74,740 11
Bath cabinets	2	5,556 04
Bicycles, bicycle sundries and automobiles	37	2,204,151 72
Billiard tables, bar and store fixtures	33	614,205 51
Boilers, engines and tanks	112	4,533,367 25
Boots and shoes	52	5,333,868 96
Boxes (paper)	31	488,325 39
Boxes (wooden)	54	591,083 69
Bread and other bakery products	257	1,458,851 02
Brick and tile	363	5,110,024 54
Brooms and brushes	50	395,462 90
Bungs	3	42,734 00
Buttons (pearl)	2	14,802 00
Canned goods	34	266,178 36
Carriages and wagons	282	3,399,260 61
Carriage and wagon materials	81	1,754,219 15
Cars and car furnishings	9	423,378 30
Casters	2	20,061 58
Chewing gum	4	81,759 90
Churns	4	34,242 42
Cigars	399	2,835,057 96
Clothing	712	8,026,652 01
Clothes wringers and washboards	3	5,950 00
Coffee, baking powder and spices	20	112,821 09
Coffins and burial cases	11	482,364 53
Confectionery	59	448,461 93
Cooperage	82	1,004,548 17
Copper and brass goods	60	1,289.613 47
Cordage and twine	2	202,734 41
Cotton and woolen goods (knit and woven)	54	1,243,162 10
Cutlery and edge tools	8	311,555 33
Dairy products	80	335,191 80
Dental and surgical chairs	3	45,174 29
Drugs, chemicals and druggists' sundries	100	994,551 81
Electrical goods and supplies	73	2,164,321 72
Elevators and hoisting machinery	9	141,408 96
Extracts, toilet articles and perfumery	18	116,383 59
Fertilizers	13	187,098 38
Fireworks	2	61,713 04
Flouring mill products	376	2,072,332 87
Foundry and machine shop products	329	14,356,382 08
Furniture	160	3,273,348 22
Furs	2	6,200 00
Gas and electricity	186	1,566,980 03
Gas mantels	3	16,980 00
Glass and glassware	43	3,710,590 52
Glassworks' supplies	4	76,813 90
Gloves and mittens	13	148,556 10
Gunpowder and other explosives	9	222,300 48
Handles	36	246,390 55
Hardware	33	1,621,148 56
Harness and saddlery	63	708,889 46
Hats, caps and furnishings	34	321,200 43
Hollow ware	5	242,276 40
Ice (artificial)	56	318,203 17
Inks	5	97,662 75
Iron (structural and architectural)	41	1,734,071 58
Jewelry and watches	24	977,522 32
Leather and leather goods	38	928,345 40
Lighting apparatus	9	117,352 58
Lime, sand, cement and plaster	67	903,926 92
Liquors (distilled)	41	381,593 37
Liquors (malt)	111	4,666,296 56
Lithographing, engraving and electrotyping	45	931,063 87
Macaroni	3	24,750 00
Machinery	225	9,830,723 30
Malt	6	50,566 00

TABLE II*h*—MANUFACTURES—STATE.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
29	$4,018 66	122	$19,858 89	26	$1,331 00	15	$625 00	30	$995 20
123	13,730 53	219	20,439 31	68	5,339 83	168	9,047 93	80	3,106 26
17	1,561 44	44	3,235 00	16	931 00	7	275 00	9	303 00
21	2,615 66	34	2,824 00	10	890 00	21	1,049 00	10	444 00
7	430 66	1	24 00	5	190 00	...	.....	...	.....
1	65 00	2	140 00	2	95 00	2	40 00	3	65 00
49	8,100 82	68	10,193 98	32	2,170 01	74	4,365 45	56	2,296 55
26	2,437 00	50	4,420 00	30	1,930 25	41	1,672 00	26	899 25
146	19,944 53	150	17,475 79	113	8,984 49	139	8,284 03	83	3,639 82
237	29,520 35	477	72,873 83	68	5,634 33	326	12,275 82	55	2,204 83
32	3,427 80	31	3,269 33	21	1,512 66	13	596 00	15	561 00
42	4,073 83	11	1,125 00	29	1,650 00	11	522 00	7	217 00
62	6,872 50	385	26,258 21	82	5,389 31	135	4,476 85	32	1,108 00
254	27,778 43	58	7,303 32	118	7,317 32	82	4,301 33	52	2,039 66
26	4,193 00	39	3,505 00	18	1,237 00	22	1,015 00	18	622 00
3	508 00	3	275 00	3	265 00	...	85 00	2	107 00
...	.....	2	75 00	1	30 00	1	20 00	...	.....
29	2,677 67	12	670 00	16	811 00	6	264 00	3	89 00
152	16,033 89	188	19,140 49	117	7,197 65	141	6,874 16	114	4,080 79
89	9,467 06	32	3,208 17	48	3,100 08	36	1,707 33	33	1,158 00
16	1,577 66	2	625 00	9	740 00	13	680 00	9	372 50
2	180 00	...	.....	1	80 00	...	.....	1	20 00
2	500 00	8	830 00	2	170 00	4	140 17	1	40 00
6	680 00	1	60 00	4	210 00	...	.....	1	25 00
126	10,154 81	127	22,431 27	65	4,884 33	42	2,094 33	24	984 83
203	28,086 65	723	97,026 27	260	21,068 49	435	20,880 35	124	4,783 95
2	160 00	3	170 00	2	62 00	...	.....	...	.....
12	1,283 00	99	9,805 25	23	1,653 00	29	1,222 00	25	801 00
21	3,292 00	43	4,805 00	11	1,147 00	27	1,474 16	7	281 60
28	2,506 00	97	8,643 37	40	2,532 15	86	2,775 00	13	423 00
67	5,339 16	20	2,161 33	30	1,953 50	9	500 00	11	505 00
78	9,043 64	61	7,704 50	62	4,350 83	63	3,346 00	61	2,194 58
5	544 33	6	800 00	6	384 18	6	456 32	6	271 51
48	6,610 64	67	8,037 73	35	2,602 82	58	2,879 95	20	660 01
6	763 33	13	720 00	10	610 00	15	429 97	15	405 00
36	2,908 66	17	1,181 00	45	2,349 33	17	758 00	6	253 00
5	485 00	13	2,525 00	4	305 00	1	14 00	5	223 50
83	9,512 01	301	31,727 19	78	4,861 40	155	6,126 62	136	5,216 43
101	14,866 32	111	13,299 79	77	5,158 50	184	8,800 93	160	6,398 00
9	1,222 00	10	1,315 00	6	445 00	5	305 00	8	452 00
19	2,320 00	162	9,501 14	14	1,102 00	16	679 00	19	661 00
13	1,505 65	41	3,947 00	12	935 75	13	904 67	12	475 33
2	375 00	2	300 00	2	211 00	1	45 00	1	45 00
163	15,673 36	94	6,567 04	153	8,252 31	58	2,442 77	44	1,620 34
414	62,389 05	767	190,565 01	303	23,054 35	661	35,545 14	386	16,565 60
211	20,936 85	180	17,844 11	114	7,118 00	72	4,448 73	63	2,741 33
...	.....	4	160 00	...	.....	1	65 00	...	.....
173	18,906 20	25	1,967 83	127	7,688 54	116	4,683 62	21	994 25
1	150 00	8	950 00	2	125 00	...	.....	5	155 00
100	15,933 23	48	5,953 71	45	3,850 83	59	3,696 83	39	1,556 33
5	650 00	...	.....	2	200 00	3	235 00	2	100 00
5	392 00	3	215 00	6	219 00	...	.....	4	98 00
15	2,777 66	6	875 00	8	708 33	3	140 00	5	235 00
18	1,792 83	6	200 00	9	515 00	...	.....	6	201 00
59	7,263 07	41	4,719 33	42	3,032 33	52	2,810 83	34	1,313 75
31	2,933 00	83	6,753 00	28	1,861 00	45	2,050 00	20	738 00
18	1,743 00	74	7,545 00	21	1,232 50	37	1,740 00	12	339 00
10	1,336 66	18	1,556 00	5	379 00	7	182 00	7	208 00
44	4,848 49	8	610 00	44	2,728 74	21	1,055 00	7	230 00
5	1,130 00	25	5,097 00	6	650 00	12	1,390 00	7	380 00
61	9,085 32	53	8,683 00	40	3,307 00	126	8,236 50	37	1,689 50
15	2,056 33	23	2,800 00	13	1,168 00	20	1,132 50	17	708 34
38	6,485 65	30	4,223 68	26	1,844 33	13	855 00	14	618 66
14	1,268 00	4	295 00	9	624 99	16	995 00	9	389 00
69	6,720 24	31	2,824 72	42	2,368 00	25	1,122 70	24	760 26
37	6,253 32	104	20,691 05	42	4,491 66	63	3,403 67	28	1,206 33
164	36,418 43	170	20,699 47	154	15,872 31	124	9,174 89	21	967 33
52	7,113 81	44	5,026 06	42	3,030 36	58	3,612 49	35	1,357 86
2	225 00	2	150 00	3	80 00	...	.....	1	40 00
391	58,085 01	287	43,496 23	212	17,512 06	541	32,344 59	316	14,132 57
9	946 66	1	316 66	5	364 66	1	86 66	...	.....

TABLE II*h*—MANUFACTURES—STATE—Concluded.

Industries.	Number of establishments reported.	Total amount paid in wages during year 1904.
Granite and marble	51	$352,985 73
Matches	3	453,525 02
Mattresses and pillows	18	126,971 63
Mouldings and frames	9	315,695 00
Oil cloth and window shade cloth	4	76,510 59
Oil and grease	26	1,401,278 41
Paints and varnishes	53	615,189 18
Paste	2	640 00
Patterns and models	21	109,410 80
Pianos and other musical instruments	18	486,264 37
Pickles, preserves and sauces	17	151,715 01
Plating	9	146,892 01
Plumbing, steam and gas fitting supplies	27	784,370 64
Pottery and stoneware	99	4,871,296 37
Potters' supplies	6	66,900 49
Printing and binding	623	5,243,193 36
Printers' rollers	3	5,530 00
Pump and water wheels	28	911,735 45
Regalia	8	114,646 25
Roofing,(steel, iron and tin)	31	211,919 18
Rubber goods	27	2,306,196 26
Rugs and carpet cleaning	7	53,014 91
Safes, vaults and locks	11	1,067,987 26
Salt	6	139,650 26
Sash, doors, lumber and interior finish	375	3,873,480 75
Slaughtering and meat packing	39	1,086,228 33
Soap, candles and tallow	44	489,828 76
Soda and mineral waters	80	172,820 05
Starch	2	13,586 61
Steel, iron and tin	89	21,900,142 37
Stencils, stamps and seals	17	49,122 25
Stone, (cut, sawed and artificial)	56	1,318,492 59
Stoves, ranges and furnaces	89	3,532,027 30
Strawboards and paper	52	1,806,175 40
Sucker rods	2	11,950 00
Tinware, sheet-iron and galvanized-iron ware	118	1,654,459 58
Tobacco (chewing and smoking)	18	495,345 21
Tools	92	2,557,998 29
Trunks and valises	15	107,529 01
Umbrellas and parasols	3	15,400 00
Whips	5	52,637 11
Wire rods, wire cloth and wire goods	37	747,104 24
Miscellaneous	310	4,765,817 94
Totals	7,761	$164,316,934 90

TABLE II*h*—MANUFACTURES—STATE—Concluded.

Office Help.]

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly. Salary.
17	$1,987 66	30	$1,883 00	15	$860 66	5	$227 00	9	$337 66
5	699 99	32	2,607 97	5	411 66	7	375 00	3	155 00
15	1,637 33	15	1,140 00	12	746 67	13	704 00	8	288 00
16	1,445 00	32	3,500 00	10	820 00	19	745 00	7	265 00
4	650 00	6	666 66	2	100 00	7	455 00	5	154 33
51	6,607 99	86	7,873 30	35	3,365 35	271	16,814 41	57	2,657 43
92	11,979 16	263	32,224 49	67	5,853 84	129	5,901 84	86	3,474 33
1	60 00	1	100 00	1	50 00	...	.....	...	.....
2	250 00	12	500 00	8	312 00	...	.....	5	111 00
23	3,419 05	18	3,075 33	17	953 27	10	347 00	12	491 50
13	1,168 99	42	3,608 67	13	835 49	11	619 00	7	271 00
3	475 00	4	925 00	3	209 99	2	97 00	2	85 00
46	5,190 33	60	6,509 57	27	2,053 67	41	1,711 90	25	1,053 60
178	19,993 98	288	33,624 56	93	6,964 82	64	2,994 00	78	2,727 70
6	617 33	...	.....	3	203 33	3	193 33	2	88 00
384	45,117 46	233	20,910 48	278	15,459 07	414	20,574 49	199	7,043 00
...	.....	2	200 00	2	115 00	...	.....	...	.....
35	4,121 66	56	6,203 33	17	1,294 16	77	4,007 50	26	1,131 00
8	961 00	22	17,565 00	10	626 00	15	922 00	16	568 00
17	1,701 00	8	705 00	16	895 00	15	725 00	10	308 00
63	9,885 00	98	14,162 66	47	3,907 14	157	11,201 81	118	6,925 01
6	408 00	...	.....	5	216 00	5	120 00	2	54 00
21	4,495 07	73	15,700 00	14	1,651 33	66	4,206 83	23	999 66
7	755 00	...	.....	6	355 00	5	190 00	2	65 00
253	24,560 53	112	8,844 65	236	13,852 13	125	7,294 16	90	3,441 99
49	5,723 21	195	11,441 81	92	6,437 91	43	1,955 75	11	451 98
62	12,906 32	201	23,937 49	41	3,430 99	119	6,219 33	45	1,761 31
21	1,503 17	46	2,478 00	20	1,015 00	5	176 00	...	.....
1	125 00	4	400 00	1	100 00	...	.....	1	45 00
407	64,323 74	28	3,373 70	70	6,468 49	917	62,873 95	120	6,137 08
6	367 00	3	173 00	2	105 00	5	165 00	5	86 00
73	6,671 98	19	2,657 77	31	2,140 57	32	2,737 64	17	884 50
134	15,806 75	188	20,126 80	84	6,275 33	111	5,743 83	86	3,158 25
79	11,130 55	26	3,947 33	47	3,925 49	37	2,239 33	38	1,400 15
3	270 00	...	.....	2	80 00	1	35 00	...	.....
90	9,676 48	77	7,019 67	70	4,347 16	89	4,647 37	67	2,556 15
14	2,113 00	29	2,606 00	13	1,326 50	15	665 85	10	363 17
113	15,857 59	60	6,432 80	69	4,742 01	140	6,806 83	69	2,779 83
11	966 00	18	1,677 00	9	578 00	8	305 00	4	126 00
4	312 00	5	450 00	3	145 00	5	200 00	1	28 00
8	872 50	39	3,268 66	5	266 33	...	.....	3	110 00
39	4,462 75	30	2,672 00	19	1,397 00	55	3,304 41	39	1,783 00
306	35,199 50	270	26,643 42	206	13,465 52	308	16,189 99	205	7,561 58
7,045	$891,359 93	8,725	$1,106,549 18	4,850	$344,458 39	7,908	$428,147 84	3,970	$161,101 26

TABLE II*i*—MANUFACTURES—BY CITIES.

Cities.	Number of establishments reported.	Total amount paid in wages during year 1904.
Akron	154	$4,736,927 31
Alliance	32	862,856 26
Ashtabula	28	324,042 42
Bellaire	28	1,247,874 58
Bellefontaine	14	200,803 71
Bowling Green	32	72,918 14
Bucyrus	25	299,603 76
Cambridge	29	589,980 02
Canal Dover	20	620,540 34
Canton	117	3,407,992 48
Chillicothe	42	339,967 00
Circleville	28	213,232 05
Conneaut	19	88,927 10
Coshocton	34	557,160 33
Defiance	29	332,882 74
Delaware	28	180,865 80
East Liverpool	63	2,714,559 02
Elyria	43	510,061 25
Findlay	63	642,096 74
Fostoria	36	420,319 52
Fremont	48	660,623 43
Galion	21	146,960 08
Gallipolis	18	87,683 86
Glenville	1	72,860 08
Greenville	21	69,469 82
Hamilton	97	3,298,694 75
Ironton	49	760,491 54
Kenton	32	270,111 30
Lancaster	36	807,083 61
Lima	72	1,234,523 09
Lorain	29	2,345,881 81
Mansfield	79	1,319,480 39
Marietta	63	563,714 38
Marion	40	922,633 59
Martin's Ferry	21	1,089,571 38
Massillon	44	1,074,397 05
Middletown	38	909,229 25
Mount Vernon	24	414,556 53
Nelsonville	9	137,098 11
Newark	54	1,443,781 74
New Philadelphia	28	401,026 39
Niles	23	1,014,943 57
Norwalk	36	390,876 21
Norwood	8	331,690 00
Painesville	22	84,348 13
Piqua	61	955,899 52
Portsmouth	63	1,630,772 34
St. Marys	21	256,120 20
Salem	28	817,103 93
Sandusky	96	969,442 44
Sidney	36	315,251 70
Springfield	144	3,157,358 75
Steubenville	32	2,285,525 99
Tiffin	69	686,638 08
Troy	22	274,257 49
Urbana	37	262,801 61
Van Wert	23	80,728 91
Warren	53	765,365 86
Washington C. H.	20	126,675 41
Wellston	13	230,365 57
Wellsville	18	575,182 93
Wooster	26	108,096 07
Xenia	24	419,801 30
Youngstown	76	6,755,013 34
Zanesville	86	1,641,867 59
Totals	2,725	$60,529,609 69

TABLE III*i*—MANUFACTURES—BY CITIES.

Office Help.

Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.	No.	Monthly Salary.
169	$23,343 13	156	$19,700 33	121	$9,263 80	268	$16,304 51	185	$9,370 68
28	3,060 00	45	2,765 00	13	745 00	46	2,094 00	23	800 00
19	2,137 65	8	1,100 00	15	737 66	8	334 49	5	171 66
55	7,183 40	11	905 00	16	1,151 91	44	2,273 00	8	304 50
21	1,958 00	23	1,495 00	12	641 00	3	140 00	2	70 00
7	791 00	15	924 72	6	360 50	8	395 00	3	97 33
13	1,674 98	10	1,040 00	12	610 00	12	563 35	8	470 50
30	3,104 43	8	560 00	10	392 75	26	1,534 00	11	416 00
12	1,161 00	9	1,233 40	13	759 16	17	1,072 25	12	431 00
120	14,758 06	152	18,580 33	92	6,919 88	148	7,893 30	101	4,050 50
29	3,463 99	17	1,293 33	18	930 00	10	410 66	12	350 00
13	1,333 67	5	420 00	9	495 00	2	85 00	4	118 00
13	1,235 00	2	140 00	8	351 00	6	165 00	3	81 00
32	3,614 83	82	17,114 04	24	928 50	7	273 00	19	631 00
21	2,461 11	16	1,238 66	12	659 00	8	369 17	6	257 33
14	1,545 78	13	1,541 45	15	753 10	3	116 67	5	165 00
92	12,117 83	103	16,783 42	49	4,021 33	37	2,248 33	39	1,608 20
41	6,195 99	22	1,644 00	17	970 83	33	1,782 85	21	765 00
44	4,910 99	31	2,804 16	28	1,646 99	16	535 00	10	350 00
23	2,644 66	20	1,830 83	22	1,084 40	16	626 00	19	634 00
28	3,261 66	61	5,525 16	31	2,180 00	20	923 00	27	844 00
19	1,543 33	9	944 00	8	387 00	6	305 00	5	163 00
15	977 66	3	366 66	10	340 00	2	44 00	1	20 00
4	760 00	3	900 00	2	155 00	...	.....	...	.....
8	689 00	4	275 00	5	221 66	...	.....	2	32 00
95	13,518 98	133	22,194 33	64	4,995 33	107	6,277 96	59	2,238 32
37	4,753 66	22	1,456 00	28	2,868 32	12	683 33	16	489 00
12	1,146 67	35	3,017 00	17	802 33	13	808 83	5	183 67
28	3,100 00	75	8,030 00	10	750 00	15	638 00	7	263 00
46	4,763 33	38	3,939 00	35	2,311 83	42	2,286 24	13	466 83
43	8,825 03	10	964 00	20	1,220 00	158	14,442 32	19	885 00
96	10,698 04	139	14,688 67	60	4,199 15	64	3,139 50	62	2,342 54
55	5,609 00	38	3,436 00	34	2,029 33	22	67 33	9	362 00
32	4,342 16	92	8,602 31	32	1,816 33	34	1,822 54	19	691 00
21	2,446 51	6	547 00	7	541 33	19	1,411 73	7	268 50
56	6,830 00	33	3,259 99	22	1,596 33	34	2,753 23	18	690 00
41	5,358 67	30	3,107 00	30	1,631 16	34	1,629 52	20	656 00
9	1,182 50	10	1,283 66	9	548 33	10	548 60	10	351 33
11	964 99	3	300 00	4	275 00	...	.....	...	.....
53	6,027 33	43	4,085 00	31	2,146 00	32	1,717 00	20	767 00
16	1,199 16	8	470 00	11	518 33	18	911 00	3	89 00
30	3,659 28	13	1,375 00	19	1,364 00	33	1,654 70	17	775 00
25	3,010 55	35	3,572 00	23	1,436 00	12	488 00	13	521 00
11	1,125 00	...	.....	2	120 00	1	70 00	3	115 00
6	536 33	5	445 00	5	180 00	4	238 00	5	201 00
35	3,951 56	94	7,013 49	24	1,514 57	23	1,223 35	21	762 91
83	10,079 68	64	14,582 50	33	2,147 16	125	4,918 65	24	829 33
21	1,851 16	1	120 00	6	442 00	8	305 00	5	203 00
47	4,927 08	22	2,920 00	18	1,016 33	45	2,724 91	15	634 00
70	8,860 66	58	6,347 22	51	3,089 00	37	1,747 32	29	1,104 67
21	2,473 83	30	2,398 66	12	762 83	9	347 26	17	549 75
152	18,575 92	166	16,249 56	93	7,355 15	174	8,860 39	103	4,120 41
38	6,731 18	19	2,129 00	19	1,422 25	83	5,106 00	24	1,044 25
42	4,472 32	28	2,106 67	29	1,523 99	15	844 33	18	515 50
25	2,105 00	15	1,462 50	11	768 33	14	717 50	9	391 00
18	1,783 65	14	1,254 15	15	923 00	7	295 00	11	336 00
6	585 83	4	483 33	6	166 77	2	68 00	2	58 50
39	4,192 00	32	3,290 17	37	2,318 66	20	921 66	37	1,347 84
13	1,034 28	13	1,015 00	8	427 00	2	100 00	3	105 00
9	890 00	...	.....	6	320 00	4	280 00	4	130 00
14	1,618 00	5	335 00	9	371 16	25	1,360 00	5	176 66
14	1,461 17	9	675 00	11	402 50	10	275 00	4	145 00
14	2,133 66	12	1,475 00	11	757 51	15	783 15	8	362 51
153	24,714 88	79	8,026 04	75	5,794 80	187	12,433 75	57	2,500 16
85	11,995 32	132	12,390 53	60	3,979 48	66	3,219 65	33	1,080 10
2,492	$309,461 61	2,393	$270,170 27	1,565	$103,565 06	2,281	$129,406 33	1,285	$50,952 48

TABLE III.

GIVING BY INDUSTRIES THE NUMBER OF ESTABLISHMENTS REPORTED, NUMBER OF MALES AND FEMALES EMPLOYED EACH MONTH, AND THE MONTHLY AVERAGE OF MALES AND FEMALES FOR THE YEAR 1904.

TABLE IIIa—MANUFACTURES—CLEVELAND.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	2	17	2	17	2	17	2	18	2	18	2
Awnings, tents and flags	4	34	24	38	29	66	38	76	45	94	49
Bags (paper and burlap)	4	256	318	258	315	249	320	256	315	258	316
Bicycles, bicycle sundries and autos	10	1,755	42	1,755	40	1,663	39	1,468	36	1,340	31
Billiard tables, bar and store fixtures	5	127	.....	127	.....	130	.....	132	.....	127	.....
Boilers, engines and tanks	10	247	.....	233	.....	240	.....	239	.....	211	.....
Boots and shoes	3	313	233	314	240	324	234	312	215	314	219
Boxes (paper)	6	106	282	103	251	104	251	102	276	106	270
Boxes (wooden)	14	396	35	425	35	439	35	430	36	422	35
Bread and other bakery products	19	533	191	526	177	529	176	541	191	544	180
Brick and tile	14	212	.....	234	.....	355	.....	568	.....	529	.....
Brooms and brushes	5	81	52	78	57	71	54	73	50	73	42
Buttons (pearl)	2	27	36	27	38	26	40	32	44	30	41
Carriages and wagons	27	285	.....	289	.....	310	.....	326	.....	346	.....
Carriage and wagon materials	2	65	10	65	10	65	10	65	10	60	5
Chewing gum	2	12	285	12	282	12	295	13	305	13	315
Cigars	40	325	734	332	629	337	561	335	386	331	412
Clothing	158	1,936	2,450	2,038	2,553	2,391	2,685	2,450	2,628	2,412	2,506
Coffee, baking powder and spices	2	11	6	11	6	11	6	11	6	11	6
Coffins and burial cases	2	112	34	112	34	113	34	114	35	114	34
Confectionery	9	101	177	106	173	105	170	110	174	115	151
Cooperage	6	302	.....	303	.....	307	.....	312	.....	306	.....
Copper and brass goods	17	660	14	678	16	690	16	660	15	626	16
Cotton and woolen goods (knit and woven)	9	425	1,272	456	1,276	452	1,268	435	1,250	408	1,251
Dairy products	5	161	1	161	1	169	11	171	11	173	11
Drugs, chem. and druggists' sundries	14	688	7	707	7	703	7	681	8	642	9
Electrical goods and supplies	21	1,321	523	1,366	520	1,405	508	1,423	525	1,385	506
Elevators and hoisting machinery	3	62	.....	61	.....	57	.....	56	.....	50	.....
Extr'ts, toilet articles and perfumery	4	15	21	15	21	14	21	14	21	14	25
Fertilizers	2	132	.....	128	.....	151	.....	154	.....	148	.....
Flouring mill products	2	48	.....	48	.....	48	.....	48	.....	48	.....
Foundry and machine shop products	71	9,417	437	9,297	468	9,531	479	9,714	477	9,672	476
Furniture	10	115	3	122	3	129	3	128	3	128	3
Gas and electricity	4	770	.....	777	.....	780	.....	859	.....	764	.....
Gas mantels	3	27	15	27	15	26	13	28	11	29	11
Glass and glassware	3	33	3	33	3	33	3	31	3	30	3
Gunpowder and other explosives	2	92	28	90	28	90	28	88	32	89	32
Hardware	14	2,274	221	2,342	226	2,390	241	2,337	236	2,249	221
Harness and saddlery	9	38	1	38	1	39	1	40	1	40	1
Hats, caps and furnishings	7	75	155	54	155	48	129	48	128	48	104
Ice (artificial)	5	104	.....	34	.....	33	.....	56	.....	74	.....
Inks	2	16	1	17	2	17	2	17	2	17	2
Iron (structural and architectural)	11	1,249	.....	1,234	.....	1,280	.....	1,279	.....	1,268	.....
Jewelry and watches	4	34	3	35	3	35	3	34	3	35	2
Leather and leather goods	4	83	.....	85	.....	90	.....	88	.....	84	.....
Lime, sand, cement and plaster	2	27	.....	26	.....	32	.....	30	.....	34	.....
Liquors (malt)	11	568	4	573	4	588	4	611	4	622	4
Lithographing, eng. and electrotyping	11	277	8	276	8	259	8	258	8	270	8
Macaroni	3	36	28	36	28	36	28	36	28	36	28
Machinery	42	4,663	21	4.503	21	4,313	21	4,269	22	4,197	23
Marble and granite	8	211	.....	214	.....	205	.....	213	.....	218	.....
Mattresses and pillows	2	24	33	24	35	22	31	25	30	25	30
Mouldings and frames	3	305	.....	311	.....	330	.....	335	.....	310	.....
Oil and grease	9	1,592	58	1,576	54	1,528	50	1,339	48	1,351	44
Paints and varnishes	18	605	100	610	122	645	195	645	170	633	114
Patterns and models	3	51	2	51	2	56	2	57	2	65	2
Pianos and other mus. instruments	2	66	3	69	3	66	3	64	3	58	3
Plating	2	19	.....	19	.....	19	.....	19	.....	19	.....
Plumbing, steam and gas ftg. supplies	10	318	8	331	7	347	7	346	7	337	7
Printing and binding	53	1,007	336	1,022	346	1,000	343	999	350	997	347
Pumps and water-wheels	2	51	.....	45	.....	45	.....	40	.....	38	.....
Roofing (steel, iron and tin)	5	63	.....	66	.....	61	.....	83	.....	87	.....
Rubber goods	3	301	57	326	82	401	132	401	132	326	132
Rugs and carpet cleaning	2	44	16	44	16	52	18	70	31	80	32
Sash, doors, lumber and int. finish	24	786	16	790	16	814	16	971	16	1,029	16
Slaughtering and meat packing	8	645	18	643	18	638	18	637	18	637	18
Soap, candles and tallow	5	37	2	37	2	37	2	37	2	37	2
Soda and mineral waters	10	52	.....	53	.....	55	3	67	2	69	2
Steel, iron and tin	9	7,782	119	7,909	98	8,085	88	8,069	82	7,899	81
Stencils, stamps and seals	5	14	1	14	1	14	1	14	1	14	1
Stone (cut, sawed and artificial)	6	697	.....	709	.....	1,104	.....	1,733	.....	1,896	.....
Stoves, ranges and furnaces	14	1,399	9	1,403	9	1,587	10	1,685	9	1,634	8

TABLE IIIa—MANUFACTURES—CLEVELAND.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
18	2	17	2	17	2	17	2	17	2	17	2	17	2	17	2
97	54	72	35	54	25	49	27	44	26	42	26	32	20	58	33
248	303	242	304	242	285	251	299	246	300	253	302	254	303	251	307
1,290	22	1,268	17	1,130	17	948	16	986	18	1,093	19	1,333	21	1,336	26
127	.....	123	.....	123	.....	124	.....	124	.....	116	.....	120	.....	125	.....
189	.....	185	.....	198	.....	169	.....	156	.....	161	.....	153	.....	198	.....
320	223	321	229	335	228	319	218	301	207	316	229	326	232	318	226
104	269	102	268	105	269	106	269	102	273	98	274	101	255	103	267
450	35	414	35	429	35	470	36	445	37	440	37	440	37	434	36
550	185	510	177	506	173	505	185	501	183	496	171	500	173	520	180
524	.....	539	.....	528	.....	638	.....	594	.....	575	.....	465	.....	480	.....
73	47	71	40	71	44	73	42	71	47	71	54	66	50	73	48
28	35	27	28	27	29	27	39	27	39	27	34	27	33	28	36
350	.....	347	.....	333	.....	327	.....	315	.....	303	.....	301	.....	319	.....
60	5	60	5	45	.....	45	.....	45	.....	45	.....	45	.....	55	5
13	321	13	320	13	316	13	316	13	293	12	291	12	284	13	302
337	509	322	584	332	676	347	680	361	732	357	733	354	610	339	604
2,338	2,474	2,257	2,477	2,408	2,631	2,599	2,792	2,671	2,868	2,604	2,776	2,190	2,572	2,358	2,618
13	7	14	7	12	6	12	6	12	6	12	6	11	6	12	6
114	34	113	34	113	34	112	34	112	33	111	33	111	33	113	34
116	146	120	184	114	186	112	207	113	217	110	219	109	186	111	182
284	.....	275	.....	273	.....	304	.....	292	.....	293	.....	288	.....	295	.....
612	20	601	21	596	21	606	18	518	19	520	18	530	18	608	18
418	1,277	424	1,276	423	1,272	422	1,271	420	1,271	457	1,321	511	1,331	438	1,278
175	11	176	11	167	1	165	1	165	1	162	1	162	1	167	5
618	9	594	9	582	9	604	8	605	8	590	8	575	8	632	8
1,436	514	1,413	502	1,418	505	1,413	503	1,385	481	1,334	482	1,336	489	1,386	505
49	.....	49	.....	51	.....	51	.....	52	.....	49	.....	55	.....	54	.....
14	30	15	32	15	25	14	25	14	24	14	24	14	23	14	25
138	.....	141	.....	222	.....	194	.....	133	.....	138	.....	134	.....	151	.....
48	.....	48	.....	48	.....	50	.....	50	.....	48	.....	48	.....	48	.....
9,371	471	8,828	455	9,048	472	9,417	458	9,540	462	9,837	476	10,066	470	9,478	467
128	3	108	2	145	3	151	3	152	3	160	3	150	3	135	3
766	.....	778	.....	816	.....	756	.....	800	.....	868	.....	828	.....	797	.....
28	10	26	10	26	10	24	11	24	12	25	12	26	14	26	12
32	3	34	3	32	3	33	3	34	3	33	3	33	3	33	3
92	30	92	30	90	28	90	28	90	28	92	28	92	28	91	29
2,223	203	2,034	172	2,161	173	2,267	179	2,337	180	2,418	199	2,483	203	2,293	205
39	1	39	1	39	1	39	1	38	1	39	1	38	1	39	1
47	78	72	78	95	103	96	103	72	103	46	103	47	128	62	114
102	.....	95	.....	91	.....	93	.....	62	.....	58	.....	29	.....	69	.....
17	1	16	1	16	1	16	1	16	1	16	1	15	1	16	1
1,238	.....	1,163	.....	1,096	.....	1,009	.....	1,033	.....	1,079	.....	1,059	.....	1,166	.....
35	3	36	3	39	4	37	4	39	4	39	4	40	4	37	3
80	.....	77	.....	76	.....	80	.....	81	.....	89	.....	96	.....	84	.....
33	.....	34	.....	34	.....	42	.....	37	.....	29	.....	29	.....	32	.....
650	4	660	4	654	4	642	4	628	4	606	4	579	2	615	4
278	8	274	10	281	13	276	9	277	10	277	9	280	9	274	9
36	28	36	28	36	28	36	28	36	28	36	28	36	28	36	28
4,194	23	4,144	21	4,041	21	4,041	21	4,079	21	4,067	19	4,242	19	4,229	21
216	.....	213	.....	214	.....	218	.....	215	.....	212	.....	207	.....	213	.....
23	29	21	25	20	25	21	28	21	29	20	28	20	27	22	29
307	.....	305	.....	325	.....	328	.....	335	.....	326	.....	316	.....	320	.....
1,435	44	1,389	37	1,387	35	1,415	48	1,410	73	1,392	73	1,323	71	1,428	53
557	103	520	105	512	114	522	108	555	93	554	94	559	102	576	118
65	2	62	2	59	2	51	2	60	2	53	2	62	2	58	2
62	3	61	3	60	3	60	3	66	3	64	3	64	3	63	3
19	.....	19	.....	19	.....	19	.....	19	.....	19	.....	19	.....	19	.....
341	8	318	7	310	7	318	7	330	7	348	7	352	7	333	7
991	346	975	328	988	336	1,001	335	1,024	350	1,048	359	1,036	365	1,007	345
38	.....	33	.....	29	.....	28	.....	27	.....	36	.....	37	.....	37	.....
77	.....	70	.....	72	.....	83	.....	83	.....	74	.....	68	.....	74	.....
351	107	301	107	276	107	226	107	251	107	251	107	251	107	305	107
70	31	66	29	66	27	66	27	58	26	55	22	16	1	57	23
1,091	16	1,139	16	1,174	16	1,180	16	1,231	16	1,214	16	899	16	1,027	16
637	18	640	18	637	18	646	18	643	18	643	18	641	18	641	18
37	2	37	2	37	2	37	2	37	2	37	2	37	2	37	2
73	2	74	2	72	2	64	2	43	1	38	1	37	1	58	2
7,749	95	6,654	75	6,879	75	8,244	73	8,265	74	8,113	74	8,209	79	7,822	84
14	1	14	1	14	1	14	1	14	1	14	1	14	1	14	1
1,840	.....	1,878	.....	2,098	.....	2,040	.....	1,957	.....	1,688	.....	1,106	.....	1,562	.....
1,388	8	1,297	7	1,414	7	1,456	7	1,496	5	1,461	5	1,386	6	1,467	7

TABLE IIIa—MANUFACTURES—CLEVELAND—Concluded

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Tinware, sheet-iron and galvanized-iron ware	16	631	172	632	171	681	222	729	279	719	273
Tools	14	1,126	45	1,099	45	1,080	45	1,094	45	1,092	45
Trunks and valises	5	89	12	74	9	76	10	77	9	73	10
Umbrellas and parasols	3	18	24	17	27	18	30	18	40	17	41
Wire rods, wire cloth and wire goods	12	737	86	751	86	775	88	780	93	791	92
Miscellaneous	36	2,277	181	2,260	180	2,291	185	2,317	202	2,249	198
Totals and averages	930	51,610	8,975	51,721	9,006	53,334	9,243	54,440	9,113	53,654	8,848

TABLE III*a*—MANUFACTURES—CLEVELAND—Concluded

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
671	225	636	197	623	172	613	167	605	162	604	176	609	164	646	198
1,085	45	1,071	45	1,023	45	1,045	45	1,038	45	1,030	45	999	45	1,065	45
61	8	58	8	59	9	55	7	60	10	61	10	63	9	67	9
17	37	19	30	20	35	20	37	19	31	19	28	19	25	18	32
757	86	760	84	756	85	723	85	713	88	730	86	725	87	750	87
2,140	198	1,979	197	1,973	196	2,009	198	2,149	200	2,228	205	2,229	183	2,175	194
52,652	8,812	50,028	8,740	50,862	8,972	52,733	9,170	52,989	9,288	53,010	9,312	52,091	8,921	52,427	9,033

TABLE III*b*—MANUFACTURES—COLUMBUS.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Awnings, tents and flags	4	7	6	6	6	8	12	11	16	13	16
Bicycles, bicycle sundries and autos	2	35	.....	35	.....	35	.....	35	.....	35	.....
Billiard tables, bar and store fixtures	4	143	.....	143	.....	143	.....	143	.....	143	.....
Boilers, engines and tanks	7	206	.....	205	.....	213	.....	215	.....	219	.....
Boots and shoes	7	1,644	1,243	1,649	1,247	1,656	1,254	1,657	1,247	1,657	1,252
Boxes (paper)	2	42	95	42	95	42	95	42	90	42	90
Boxes (wooden)	5	70	15	71	15	67	15	67	15	64	15
Bread and other bakery products	7	181	56	182	58	179	56	182	58	182	63
Brick and tile	4	43	.....	43	.....	46	.....	60	.....	68	.....
Brooms and brushes	2	8	3	8	3	8	3	8	3	8	3
Carriages and wagons	14	894	31	1,011	36	1,072	37	1,086	37	1,072	36
Carriage and wagon materials	6	227	44	237	44	245	44	236	44	229	44
Cigars	17	47	110	46	109	48	110	47	112	46	111
Clothing	41	202	248	206	252	209	253	210	252	213	249
Coffee, baking powder and spices	2	12	11	12	11	12	11	12	11	12	11
Confectionery	4	31	61	31	61	31	65	41	70	41	70
Copper and brass goods	3	86	.....	84	.....	90	.....	89	.....	91	.....
Dairy products	3	69	.....	70	.....	72	.....	72	.....	64	.....
Drugs, chem. and druggists' sundries	8	149	140	148	128	152	129	149	99	146	102
Extracts, toilet articles and perfumery	2	19	.....	21	.....	17	.....	19	.....	20	.....
Flouring mill products	4	37	.....	37	.....	37	.....	37	.....	37	.....
Foundry and machine shop products	22	1,415	8	1,545	8	1,661	8	1,722	9	1,656	9
Furniture	5	176	37	176	38	176	37	172	35	174	35
Furs	2	6	13	6	12	6	12	6	10	6	11
Gas and electricity	3	159	.....	162	.....	160	.....	162	.....	156	.....
Glass and glassware	2	420	83	430	83	436	84	438	83	433	83
Gloves and mittens	2	24	38	24	38	25	39	22	40	24	47
Harness and saddlery	8	81	39	81	39	81	39	81	39	81	39
Hats, caps and furnishings	6	8	51	10	95	14	98	14	101	14	75
Ice (artificial)	2	67	.....	64	.....	83	.....	76	.....	77	.....
Iron (structural and architectural)	3	26	.....	20	.....	23	.....	25	.....	25	.....
Jewelry and watches	3	25	3	25	3	23	3	20	2	20	2
Leather and leather goods	3	68	.....	68	.....	68	.....	68	.....	73	.....
Lighting apparatus	4	103	51	89	51	91	51	89	51	79	43
Lime, sand, cement and plaster	7	29	.....	35	.....	36	.....	44	.....	49	.....
Liquors (malt)	4	439	.....	431	.....	438	.....	450	.....	454	.....
Lithographing, eng. and electrotyping	6	108	7	106	7	105	7	101	8	107	8
Machinery	7	1,090	.....	1,079	.....	1,064	.....	1,066	.....	1,082	.....
Marble and granite	2	37	.....	52	3	43	2	49	5	64	5
Paints and varnishes	4	41	7	41	7	42	7	42	6	42	6
Paste	2	1	.....	1	.....	1	.....	1	.....	1	.....
Pianos and other mus. instruments	2	4	.....	4	.....	4	.....	4	.....	18	.....
Printing and binding	28	368	164	362	160	361	157	357	149	353	155
Roofing (iron, steel and tin)	5	28	.....	20	.....	22	.....	36	.....	38	.....
Rugs and carpet cleaning	3	22	16	12	8	27	19	34	22	40	24
Sash, doors, lumber and interior finish	12	219	.....	220	.....	225	.....	244	.....	259	.....
Slaughtering and meat packing	2	25	.....	25	.....	25	.....	25	.....	25	.....
Soap, candles and tallow	3	18	8	18	8	18	8	18	8	18	8
Soda and mineral waters	2	14	.....	14	.....	15	.....	17	.....	23	.....
Starch	2	24	10	24	10	24	10	24	10	24	10
Steel iron and tin	3	377	.....	530	.....	543	.....	613	.....	617	.....
Stone (cut, sawed and artificial)	3	161	.....	195	.....	212	.....	304	.....	384	.....
Stoves, ranges and furnaces	8	206	1	197	1	194	3	189	2	191	3
Tinware, sheet-iron and galvanized-iron ware	9	203	.....	207	.....	225	.....	220	.....	200	.....
Tools	6	172	.....	175	.....	176	.....	181	.....	179	.....
Trunks and valises	3	23	3	23	3	23	3	23	3	23	3
Wire rods, wire cloth and wire goods	3	44	.....	44	.....	41	.....	44	.....	36	.....
Miscellaneous	26	535	444	534	455	569	475	618	511	583	489
Totals and averages	365	10,918	3,046	11,336	3,094	11,662	3,146	12,017	3,148	12,030	3,117

TABLE IIIb—MANUFACTURES—COLUMBUS.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
15	18	15	17	8	10	7	11	7	11	7	10	7	10	9	12
35	.....	35	.....	35	.....	35	.....	35	.....	35	.....	35	.....	35	.....
142	.....	142	.....	143	.....	144	.....	145	.....	145	.....	144	.....	143	.....
215	.....	220	.....	211	.....	212	.....	211	.....	204	.....	204	.....	211	.....
1,648	1,247	1,660	1,243	1,652	1,248	1,654	1,248	1,646	1,244	1,642	1,244	1,634	1,233	1,650	1,246
40	75	38	65	35	65	35	65	31	69	30	69	28	69	37	79
57	15	67	15	68	15	68	15	72	15	67	15	61	15	67	15
183	69	183	69	184	68	185	65	183	63	184	60	185	57	183	62
76	.....	108	.....	108	.....	109	.....	104	.....	65	.....	58	.....	74	.....
8	3	8	3	8	3	8	3	8	3	8	3	8	3	8	3
976	33	891	27	808	25	713	27	709	25	771	22	770	28	898	30
218	44	205	42	187	39	191	39	195	37	191	34	233	44	216	42
46	115	47	116	47	117	48	117	48	119	48	119	46	115	47	114
212	245	207	239	205	236	211	254	214	274	215	274	214	265	210	253
12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11
46	79	46	79	46	79	60	95	71	111	82	125	84	131	51	86
92	.....	96	.....	95	.....	98	.....	96	.....	90	.....	89	.....	91	.....
61	.....	58	.....	57	.....	58	.....	58	.....	63	.....	65	.....	64	.....
141	94	139	104	140	101	146	110	155	94	157	107	161	104	149	109
21	.....	20	.....	20	.....	19	.....	20	.....	21	.....	22	.....	20	.....
37	.....	37	.....	37	.....	37	.....	37	.....	37	.....	37	.....	37	.....
1,663	10	1,605	10	1,631	8	1,531	8	1,302	8	1 392	8	1,536	8	1,555	9
172	35	185	34	179	38	186	35	187	36	186	32	177	36	179	36
6	12	6	14	6	15	6	17	6	19	6	19	6	18	6	14
161	.....	171	.....	193	.....	193	.....	188	.....	199	.....	207	.....	176	.....
430	83	429	83	431	83	431	83	426	83	427	84	434	85	430	83
25	47	25	47	25	48	26	49	28	51	28	45	19	26	25	43
79	34	79	34	79	34	64	27	64	27	64	27	64	27	75	34
14	65	15	57	14	53	14	74	14	79	12	86	11	81	13	76
87	.....	105	.....	96	.....	99	.....	95	.....	72	.....	57	.....	82	.....
26	.....	26	.....	28	.....	29	.....	26	.....	25	.....	27	.....	26	.....
17	1	15	.....	15	.....	15	.....	17	2	20	3	25	4	20	2
73	.....	68	.....	68	.....	63	.....	63	.....	63	.....	63	.....	67	.....
78	41	79	35	76	40	78	42	91	51	90	51	93	56	86	47
53	.....	56	.....	54	.....	55	.....	53	.....	49	.....	42	.....	46	.....
536	.....	570	.....	544	.....	505	.....	501	.....	468	.....	453	.....	482	.....
106	8	108	9	109	9	110	9	111	9	108	9	109	9	107	8
1,079	.....	1,077	.....	1,049	.....	1,052	.....	1,020	.....	1,019	.....	1,032	.....	1,059	.....
68	3	67	5	62	4	68	5	68	5	63	4	67	5	59	4
42	6	37	5	34	4	33	4	33	4	33	4	39	6	38	6
1	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	1	.....
18	.....	18	.....	20	.....	20	.....	22	.....	25	.....	25	.....	15	.....
346	152	337	146	339	143	344	144	345	157	348	162	338	164	350	154
39	.....	43	.....	49	.....	50	.....	50	.....	41	.....	30	.....	37	.....
32	21	32	24	29	21	22	17	20	9	23	13	20	13	26	17
268	.....	260	.....	259	.....	254	.....	253	.....	240	.....	235	.....	245	.....
25	.....	25	.....	25	.....	25	.....	25	.....	25	.....	25	.....	25	.....
18	8	18	8	18	8	18	8	18	8	18	8	18	8	18	8
25	.....	24	.....	23	.....	20	.....	17	.....	16	.....	16	.....	19	.....
24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10
476	.....	393	.....	361	.....	329	.....	394	.....	477	.....	630	.....	478	.....
326	.....	269	.....	246	.....	305	.....	291	.....	268	.....	283	.....	270	.....
206	3	221	3	220	3	238	3	251	3	260	3	246	.....	218	2
222	.....	229	.....	244	.....	237	.....	262	.....	257	.....	249	.....	230	.....
178	.....	178	.....	176	.....	175	.....	173	.....	177	.....	173	.....	176	.....
23	3	23	3	23	3	23	3	23	3	23	3	23	3	23	3
38	.....	42	.....	41	.....	44	.....	44	.....	45	.....	36	.....	42	.....
574	471	568	463	731	395	776	427	561	407	553	411	540	404	595	446
11,835	3,061	11,663	3,020	11,629	2,936	11,514	3,025	11,125	3,047	11,220	3,075	11,471	3,048	11,535	3,064

TABLE III*c*—MANUFACTURES—CINCINNATI.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	4	98	111	101	109	98	108	104	109	111	107
Awnings, tents and flags	7	82	99	83	97	81	117	86	130	98	153
Bags (paper and burlap)	6	121	106	121	102	116	102	122	103	124	106
Bicycles, bicycle sundries and autos	2	6	.....	6	.....	6	.....	7	.....	8	.....
Billiard tables, bar and store fixtures	13	430	1	431	1	447	1	461	1	462	1
Boilers, engines and tanks	9	487	.....	497	.....	501	.....	520	.....	519	.....
Boots and shoes	26	3,972	2,692	3,981	2,711	3,987	2,716	3,859	2,598	3,869	2,605
Boxes (paper)	9	100	415	100	406	100	424	100	430	99	416
Boxes (wooden)	11	322	109	323	107	330	103	323	83	318	84
Bread and other bakery products	26	539	286	544	294	551	284	552	286	567	306
Brick and tile	9	51	.....	53	.....	106	.....	193	.....	236	....
Brooms and brushes	10	125	4	127	4	129	6	134	7	133	8
Bungs	3	128	.....	131	.....	134	.....	134	.....	132	.....
Carriages and wagons	51	1,970	109	2,091	130	2,146	136	2,207	141	2,227	139
Carriage and wagon materials	15	585	9	585	9	587	9	597	9	608	10
Cigars	54	1,343	2,397	1,293	2,332	1,280	2,035	1,310	1,744	1,252	1,889
Clothing	170	2,348	3,037	2,392	3,150	2,393	3,253	2,401	3,249	2,379	3,104
Coffee, baking powder and spices	7	61	67	62	70	63	71	64	78	63	74
Coffins and burial cases	4	526	83	543	87	547	91	563	95	549	98
Confectionery	14	243	272	238	276	238	268	242	262	237	268
Cooperage	11	675	.....	762	.....	801	.....	800	.....	748	.....
Copper and brass goods	23	1,150	43	1,203	47	1,228	47	1,228	47	1,201	47
Cotton and woolen goods (knit and woven)	7	110	278	112	275	115	283	111	280	110	283
Drugs, chem. and druggists' sundries	21	172	164	178	165	176	164	169	165	177	169
Electrical goods and supplies	9	728	27	743	26	720	26	801	27	818	27
Elevators and hoisting machinery	6	163	.....	163	.....	147	.....	141	.....	137	.....
Extracts, toilet articles and perfumery	5	19	13	19	13	19	13	19	15	19	17
Fertilizers	2	112	.....	121	.....	119	.....	127	.....	113	.....
Flouring mill products	3	34	4	34	4	34	4	34	4	34	4
Foundry and machine shop products	28	1,329	1	1,383	1	1,406	1	1,420	1	1,431	1
Furniture	49	2,153	248	2,183	250	2,262	262	2,254	261	2,243	266
Glass and glassware	4	517	100	524	100	525	100	527	100	519	100
Hardware	4	211	1	229	1	227	1	235	1	210	1
Harness and saddlery	11	362	5	368	5	379	4	370	5	375	3
Hats, caps and furnishings	15	102	484	103	595	106	570	105	543	108	483
Ice (artificial)	7	51	.....	53	.....	58	.....	65	.....	78	.....
Inks	3	125	.....	125	.....	125	.....	125	.....	125	.....
Iron (structural and architectural)	8	459	.....	437	.....	404	.....	397	.....	423	.....
Jewelry and watches	14	162	26	163	26	164	26	164	26	166	26
Leather and leather goods	12	1,146	4	1,159	4	1,185	4	1,186	5	1,196	5
Liquors (distilled)	14	420	191	413	203	425	191	417	191	460	185
Liquors (malt)	21	1,244	1	1,237	1	1,269	1	1,282	1	1,336	1
Lithographing, eng. and electrotyping	20	819	47	814	41	791	42	727	43	809	44
Machinery	50	2,026	.....	2,013	.....	2,030	.....	2,051	.....	2,057	.....
Malt	2	63	.....	63	.....	60	.....	45	.....	7	.....
Marble and granite	4	64	.....	64	.....	65	.....	66	.....	66	.....
Mattresses and pillows	4	32	43	32	43	33	54	39	59	40	66
Mouldings and frames	6	306	4	242	7	341	9	338	13	340	13
Oilcloth and window shade cloth	2	35	40	35	40	35	40	35	40	35	40
Oil and grease	8	203	.....	201	.....	202	.....	199	.....	203	.....
Paints and varnishes	11	256	3	315	3	326	4	310	4	240	4
Patterns and models	8	60	10	62	10	68	10	66	10	59	7
Pianos and other musical instruments	3	371	7	366	7	355	6	364	6	367	6
Pickles, preserves and sauces	5	71	90	67	81	73	93	95	119	89	96
Plating	3	234	2	234	2	229	2	230	2	226	2
Plumbing, steam and gas ftg. supplies	8	546	2	537	2	535	3	545	3	533	1
Pottery and stoneware	2	40	20	41	20	44	20	44	20	42	20
Printing and binding	84	2,327	1,371	2,310	1,378	2,331	1,370	2,315	1,366	2,309	1,374
Printers' rollers	3	9	.....	9	.....	9	.....	9	.....	9	.....
Pumps and water-wheels	4	714	12	652	12	635	12	631	12	619	12
Regalia	8	59	251	61	239	64	256	65	256	65	264
Roofing (iron, steel and tin)	7	67	.....	70	.....	71	.....	73	.....	74	.....
Safes, vaults and locks	6	630	3	622	3	632	3	636	3	637	3
Sash, doors, lumber and interior finish	19	868	.....	879	.....	917	.....	910	.....	929	.....
Slaughtering and meat packing	16	826	23	742	23	707	18	674	18	675	18
Soap, candles and tallow	17	1,174	581	1,159	621	1,185	623	1,174	618	1,110	603
Soda and mineral waters	7	54	.....	54	.....	54	.....	56	.....	63	.....
Stencils, stamps and seals	6	54	1	54	1	53	1	53	1	53	1
Stone (cut, sawed and artificial)	3	109	.....	84	.....	99	.....	142	.....	227	.....
Stoves, ranges and furnaces	13	705	4	702	4	703	4	696	4	698	2
Tinware, sheet-iron and galvanized-iron ware	23	539	136	545	144	539	142	562	146	556	141

TABLE III*c*—MANUFACTURES—CINCINNATI.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
109	109	107	109	107	109	107	100	107	111	109	113	111	117	106	109
96	142	92	149	78	130	77	122	76	119	77	116	78	117	84	124
125	109	125	109	120	103	120	102	121	99	121	105	121	107	121	104
10	.....	11	.....	11	.....	11	.....	10	.....	8	.....	7	.....	8	.....
460	1	468	1	479	1	491	1	462	1	462	1	468	1	460	1
519	.....	522	.....	524	.....	532	.....	562	.....	574	.....	534	.....	524	.....
3,848	2,598	3,911	2,666	3,930	2,703	4,211	2,842	4,137	2,711	4,112	2,633	4,158	2,713	3,998	2,682
100	414	98	408	104	412	104	415	108	416	108	423	107	420	102	417
315	83	304	82	321	83	334	86	333	88	339	87	340	90	325	91
564	315	572	322	575	300	572	302	570	305	564	318	571	310	562	302
237	.....	238	.....	238	.....	228	.....	170	.....	65	.....	52	.....	156	.....
130	8	130	6	130	6	133	6	134	7	134	7	133	5	131	6
134	.....	132	.....	131	.....	130	.....	133	.....	130	.....	134	.....	132	.....
2,213	138	2,023	121	1,825	104	1,654	97	1,628	93	1,649	96	1,695	99	1,944	117
576	6	566	6	532	5	468	5	555	5	573	7	610	7	570	7
1,275	1,880	1,335	1,988	1,221	2,001	1,283	2,038	1,368	2,107	1,297	2,109	1,350	2 117	1,301	2,053
2,350	3,100	2,281	3,072	2,305	3,124	2,404	3,271	2,438	3,157	2,420	3,060	2,311	2,711	2,369	3,107
59	67	57	60	59	61	60	62	62	65	64	66	63	72	61	68
533	95	496	90	539	95	544	98	550	101	508	97	520	102	535	94
242	271	243	279	259	292	306	360	315	374	321	372	306	320	266	301
681	.....	643	.....	649	.....	657	.....	686	.....	726	.....	764	.....	716	.....
1,216	49	1,225	52	1,231	51	1,208	50	1,173	47	1,172	48	1,192	47	1,202	48
115	289	113	289	110	281	105	280	107	276	106	278	93	268	109	280
173	169	171	165	173	167	170	168	168	166	167	165	162	162	171	166
822	29	862	30	897	36	930	36	959	35	934	36	956	40	848	31
136	.....	137	.....	144	.....	141	.....	138	.....	142	.....	151	.....	145	.....
19	17	19	15	19	15	19	17	19	19	19	17	19	17	19	16
130	.....	120	.....	134	.....	195	.....	116	.....	133	.....	132	.....	129	.....
33	4	33	4	33	4	33	4	33	4	33	4	33	4	33	4
1,369	1	1,348	1	1,367	1	1,114	1	1,172	1	1,265	1	1,394	1	1,333	1
2,218	272	2,193	275	2,216	281	2 295	282	2,319	279	2,310	263	2,263	259	2,242	267
518	100	510	100	521	100	525	100	525	100	526	100	505	100	520	100
202	1	169	1	170	1	202	1	222	1	229	1	233	1	212	1
389	3	377	5	386	5	387	3	383	4	376	5	356	2	376	4
109	380	108	418	106	507	106	601	106	527	107	429	107	426	106	497
95	.....	97	.....	97	.....	92	.....	78	.....	54	.....	46	.....	72	.....
125	.....	125	.....	129	.....	129	.....	131	.....	133	.....	135	.....	128	.....
447	.....	432	.....	420	.....	414	.....	398	.....	425	.....	390	.....	421	.....
160	26	159	27	165	26	167	26	168	26	168	26	166	24	164	26
1,170	5	1,108	6	1,096	5	1,113	5	1,144	5	1,182	5	1,222	6	1,159	5
466	274	436	276	439	275	446	287	451	280	454	257	432	180	438	233
1,425	1	1,467	1	1,430	1	1,395	1	1,340	1	1,269	1	1,234	1	1,327	1
813	44	815	43	817	41	798	41	816	44	790	47	807	46	801	44
2,038	.....	1,960	.....	1,894	.....	1,882	.....	1,909	.....	1,924	.....	1,932	.....	1,976	.....
3	.....	.....	.....	.....	.....	.....	.....	46	.....	46	.....	46	.....	32	.....
66	.....	66	.....	66	.....	66	.....	66	.....	66	.....	66	.....	66	.....
40	72	41	75	41	78	41	78	48	81	48	85	45	85	40	68
315	13	317	13	340	13	355	12	364	15	372	14	338	13	331	12
35	40	35	40	35	40	35	40	35	40	35	40	35	40	35	40
205	.....	202	.....	201	.....	206	.....	213	.....	213	.....	209	.....	205	.....
289	4	288	4	302	4	296	4	297	4	295	4	305	4	293	4
55	7	53	7	61	6	66	8	64	8	65	9	70	9	62	8
382	7	375	5	387	7	409	8	418	9	412	9	427	8	386	7
87	97	70	84	99	114	236	273	233	235	211	224	164	167	124	139
229	2	229	2	252	2	254	2	264	3	249	2	251	2	240	2
537	.....	600	.....	606	.....	608	.....	575	1	580	3	609	3	568	1
42	20	41	20	41	20	44	20	45	20	44	20	43	20	43	20
2,298	1,364	2,311	1,369	2,316	1,366	2,329	1,380	2,316	1,376	2,328	1,391	2,345	1,384	2,320	1,374
7	.....	7	.....	7	.....	9	.....	9	.....	9	.....	7	.....	8	.....
614	12	665	12	712	12	724	12	719	12	696	12	687	12	672	12
63	251	59	232	55	213	55	232	60	252	56	261	51	207	59	243
75	.....	75	.....	74	.....	74	.....	75	.....	74	.....	74	.....	73	.....
639	3	630	3	638	3	625	3	629	3	624	3	622	3	630	3
941	.....	951	.....	929	.....	941	.....	971	.....	953	.....	921	.....	926	.....
689	18	680	18	671	18	673	18	706	18	786	23	808	23	720	20
1,166	586	1,146	611	1,113	591	1,130	630	1,169	623	1,162	610	1,169	591	1,155	607
66	.....	69	.....	68	.....	65	.....	59	.....	55	.....	54	.....	60	.....
52	1	53	1	53	1	53	1	54	1	54	1	54	1	53	1
368	.....	290	.....	270	.....	270	.....	231	.....	178	.....	93	.....	197	.....
655	2	721	2	791	2	795	2	813	2	808	3	731	3	735	3
542	135	524	138	532	137	533	140	546	143	551	139	551	138	543	140

TABLE III*c*—MANUFACTURES—CINCINNATI—Concluded.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Tobacco (chewing and smoking)	6	66	118	67	14	70	119	66	120	69	123
Tools	34	1,670	.....	1,667	.....	1,671	.....	1,755	.....	1,793	.....
Trunks and valises	7	116	13	115	13	118	14	118	14	123	15
Wire rods, wire cloth and wire goods	4	44	.....	44	.....	49	.....	49	.....	49	.....
Miscellaneous	44	2,182	245	2,238	239	2,231	248	2,259	255	2,293	256
Totals and averages	1174	42320	14413	42574	14648	43059	14514	43353	14129	43482	14097

TABLE III*c*—MANUFACTURES—CINCINNATI—Concluded.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
70	123	69	123	71	124	71	125	72	122	73	122	74	121	70	121
1,783	.....	1,744	.....	1,781	.....	1,828	.....	1,905	.....	2,052	.....	2,115	.....	1,814	....
124	14	128	14	133	14	143	14	132	13	127	14	121	13	125	14
49	.....	48	.....	50	.....	51	.....	54	.....	55	.....	54	.....	50	.....
2,235	253	2,371	244	2,367	246	2,443	259	2,378	263	2,278	255	2,256	244	2,294	251
43485	14024	43196	14193	43193	14337	43720	15071	43966	14818	43834	14537	43788	13983	43331	14397

TABLE III*d*—MANUFACTURES—DAYTON.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	2	54	13	54	13	59	12	57	9	56	10
Agricultural implements	4	441	.....	455	.....	492	.....	507	.....	440	.....
Awnings, tents and flags	3	6	5	6	5	6	7	8	12	8	12
Boilers, engines and tanks	6	458	.....	442	.....	440	.....	446	.....	437	.....
Boxes (paper)	4	135	350	135	350	140	346	139	353	126	352
Boxes (wooden)	4	94	69	99	74	92	77	105	69	92	65
Bread and other bakery products	6	77	49	75	61	75	52	84	49	81	55
Brick and tile	6	39	.....	39	.....	43	.....	76	.....	125	.....
Brooms and brushes	3	6	1	5	1	6	1	6	1	7	1
Carriages and wagons	9	142	3	142	3	144	3	146	3	145	3
Carriage and wagon material	4	258	.....	264	.....	272	.....	260	.....	245	.....
Cigars	19	181	595	180	582	193	579	192	413	181	550
Clothing	22	76	216	76	229	104	234	105	227	105	242
Coffee, baking powder and spices	4	40	53	41	53	41	53	41	53	41	53
Confectionery	2	2	5	2	5	2	5	3	5	3	5
Copper and brass goods	2	221	3	209	3	191	3	175	3	166	3
Dairy products	2	49	.....	49	.....	49	.....	49	.....	49	.....
Drugs, chem. and druggists' sundries	2	6	21	6	29	6	30	5	35	5	33
Electrical goods and supplies	3	46	2	49	2	61	2	70	2	74	2
Flouring mill products	4	51	.....	46	.....	46	.....	50	.....	48	.....
Foundry and machine shop products	19	5,368	387	5,636	362	5,273	361	5,320	389	5,318	398
Furniture	6	418	.....	438	.....	451	.....	457	.....	464	.....
Glass and glassware	2	10	.....	11	.....	11	.....	13	.....	12	.....
Harness and saddlery	2	15	.....	15	.....	15	.....	15	.....	15	.....
Iron (structural and architectural)	2	20	.....	20	.....	21	.....	24	.....	24	.....
Liquors (malt)	7	36	.....	36	.....	168	.....	172	.....	179	.....
Machinery	15	2,978	11	2,939	11	2,938	11	2,975	11	2,944	11
Mattresses and pillows	2	15	6	16	6	17	7	20	8	20	8
Paints and varnishes	5	71	20	79	20	74	20	81	20	91	20
Patterns and models	2	8	.....	8	.....	8	.....	8	.....	8	.....
Printing and binding	20	338	206	334	204	328	214	342	218	337	210
Sash, doors, lumber and interior finish	5	400	.....	398	.....	383	.....	395	.....	390	.....
Slaughtering and meat packing	3	150	.....	152	.....	149	.....	148	.....	147	.....
Soap, candles and tallow	7	94	25	92	25	96	25	97	25	95	25
Soda and mineral waters	3	9	.....	9	.....	9	.....	10	.....	14	.....
Stone (cut, sawed and artificial)	2	12	.....	12	.....	19	.....	26	.....	31	.....
Stoves, ranges and furnaces	4	211	.....	199	.....	186	.....	200	.....	190	.....
Strawboards and paper	5	272	95	274	104	269	93	267	89	270	94
Tinware, sheet-iron and galvanized-iron ware	3	38	.....	38	.....	33	.....	37	.....	37	.....
Tobacco (chewing and smoking)	4	80	115	69	105	75	116	81	126	91	165
Tools	5	58	.....	60	.....	60	.....	59	.....	58	.....
Miscellaneous	28	462	163	465	203	466	216	471	244	553	255
Totals and averages	262	13,445	2,413	13,674	2,450	13,511	2,467	13,742	2,364	13,722	2,572

TABLE IIId—MANUFACTURES—DAYTON.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
56	10	51	8	44	8	46	10	44	10	47	11	53	12	52	10
332	.....	268	.....	126	.....	206	.....	260	.....	357	.....	432	.....	360	.....
8	12	8	10	8	10	7	8	7	7	7	7	5	5	7	8
432	.....	431	.....	440	.....	429	.....	430	.....	429	.....	435	.....	437	.....
140	406	141	431	146	431	150	420	151	437	149	430	141	371	141	390
96	63	102	67	98	65	101	64	104	65	97	65	105	63	99	67
81	52	78	50	89	53	88	61	90	65	89	65	90	65	83	56
125	.....	125	.....	125	.....	125	.....	98	.....	46	.....	43	.....	84	.....
5	1	8	1	7	1	7	1	5	1	6	1	5	1	6	1
145	3	144	3	143	3	151	3	153	3	153	3	153	3	147	3
231	.....	212	.....	177	.....	229	.....	237	.....	247	.....	260	.....	241	.....
186	593	190	679	187	662	180	663	193	655	194	704	175	716	186	616
109	241	91	240	89	232	117	223	118	231	108	229	109	220	101	230
40	52	40	52	40	52	41	53	41	53	41	53	41	53	41	53
5	5	5	5	5	5	5	5	2	5	2	5	2	5	3	5
172	3	174	3	181	3	171	3	152	3	156	3	160	3	177	3
49	.....	49	.....	49	.....	50	.....	51	.....	53	.....	47	.....	49	.....
5	27	7	26	7	27	7	20	6	18	5	15	5	17	6	25
71	2	64	2	54	2	51	2	52	2	52	2	46	2	58	2
40	.....	48	.....	45	.....	40	.....	48	.....	45	.....	50	.....	46	.....
4,999	394	4,707	388	3,752	313	4,432	397	4,566	389	4,931	427	4,724	405	4,919	384
464	.....	477	.....	486	.....	479	.....	451	.....	448	.....	445	.....	456	.....
14	.....	15	.....	16	.....	17	.....	17	.....	18	.....	19	.....	14	.....
15	.....	15	.....	15	.....	15	.....	15	.....	15	.....	15	.....	15	.....
24	.....	25	.....	26	.....	26	.....	27	.....	26	.....	23	.....	24	.....
187	.....	187	.....	188	.....	187	.....	181	.....	178	.....	175	.....	156	.....
2,761	11	2,713	11	2,523	11	2,569	11	2,541	10	2,685	10	2,814	10	2,782	11
17	8	17	7	17	6	20	8	20	8	20	8	19	7	18	7
87	20	91	15	96	15	98	15	96	15	94	15	87	15	87	18
9	.....	9	.....	9	.....	14	.....	13	.....	15	.....	15	.....	10	.....
331	212	328	202	322	194	315	184	313	182	318	176	324	180	327	199
378	.....	386	.....	389	.....	424	.....	432	.....	405	.....	394	.....	398	.....
152	.....	156	.....	153	.....	152	.....	153	.....	159	.....	166	.....	153	.....
98	25	98	24	96	21	98	23	101	23	100	24	99	22	97	24
15	.....	17	.....	17	.....	15	.....	9	.....	8	.....	8	.....	12	.....
51	.....	58	.....	59	.....	61	.....	66	.....	66	.....	53	.....	43	.....
177	.....	159	.....	159	.....	178	.....	205	.....	209	.....	203	.....	190	.....
272	85	271	102	274	94	266	88	261	95	193	94	190	87	257	93
46	.....	47	.....	42	.....	43	.....	43	.....	44	.....	43	.....	41	.....
88	169	96	175	102	178	96	170	85	146	89	151	95	158	87	148
58	.....	53	.....	54	.....	55	.....	56	.....	56	.....	55	.....	57	.....
541	256	592	239	597	242	594	253	569	239	587	236	497	214	533	230
13,112	2,650	12,753	2,740	11,452	2,628	12,355	2,685	12,462	2,662	12,947	2,734	12,820	2,634	13,000	2,583

TABLE III*e*—MANUFACTURES—TOLEDO.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Agricultural implements	2	32	.....	32	.....	39	.....	36	.....	37	.....
Awnings, tents and flags	3	18	40	19	50	27	52	29	53	33	58
Bath cabinets	2	6	18	6	18	5	16	5	16	5	16
Bicycles, bicycle sundries and autos	6	1,720	59	1,947	59	1,981	50	2,055	45	2,153	50
Billiard tables, bar and store fixtures	2	150	.....	150	.....	150	.....	150	.....	150	.....
Boilers, engines and tanks	6	606	.....	663	.....	656	.....	629	.....	655	.....
Boxes (paper)	3	17	44	19	47	19	49	19	45	17	41
Boxes (wooden)	6	83	8	84	8	95	8	108	8	105	8
Bread and other bakery products	9	143	73	187	163	187	158	185	151	216	153
Brick and tile	9	66	.....	68	.....	97	.....	171	.....	344	.....
Brooms and brushes	6	158	100	156	98	165	85	165	83	169	93
Carriages and wagons	10	473	2	481	2	500	2	526	2	539	2
Carriage and wagon materials	5	276	2	284	2	283	2	289	2	295	2
Cigars	11	55	10	55	10	55	10	55	10	55	10
Clothing	33	211	585	210	655	231	651	177	567	177	560
Confectionery	3	28	61	28	61	28	61	28	61	28	61
Cooperage	3	90	.....	100	.....	100	.....	100	.....	90	.....
Copper and brass goods	3	27	.....	27	.....	28	.....	28	.....	29	.....
Cotton and woolen goods (knit and woven)	3	9	182	9	177	9	181	9	216	9	222
Dairy products	2	18	.....	18	.....	18	.....	19	.....	22	.....
Drugs, chem. and druggists' sundries	9	31	17	30	17	31	15	31	17	29	16
Electrical goods and supplies	5	226	46	235	48	195	41	218	44	212	36
Extracts, toilet articles and perfumery	3	5	5	5	5	5	5	5	5	5	5
Flouring mill products	9	227	.....	240	.....	235	.....	234	.....	208	.....
Foundry and machine shop products	17	1,142	11	1,316	8	1,389	13	1,431	22	1,389	26
Furniture	13	439	10	461	15	495	17	496	17	483	16
Gas and electricity	2	129	.....	138	.....	135	.....	132	.....	118	.....
Glass and glassware	2	813	150	813	150	813	150	813	150	813	150
Hats, caps and furnishings	2	16	4	16	4	16	4	16	5	16	5
Iron (structural and architectural)	2	405	.....	429	.....	427	.....	433	.....	354	.....
Lime, sand, cement and plaster	4	24	.....	25	.....	35	.....	55	1	60	1
Liquors (distilled)	2	14	.....	16	.....	16	.....	17	.....	18	.....
Liquors (malt)	7	234	.....	244	.....	244	.....	248	.....	254	.....
Lithographing, eng. and electrotyping	2	6	.....	7	.....	6	.....	7	.....	5	.....
Machinery	10	590	1	627	1	655	1	637	1	631	1
Marble and granite	2	27	2	27	2	28	2	28	2	26	2
Mattresses and pillows	2	9	6	9	6	9	6	10	6	14	8
Oil and grease	4	210	.....	221	.....	204	.....	222	.....	232	.....
Paints and varnishes	4	28	1	29	1	30	1	30	1	30	1
Pickles, preserves and sauces	2	12	6	12	7	13	9	13	9	13	9
Printing and binding	19	171	76	167	78	173	78	175	81	173	82
Sash, doors, lumber and interior finish	13	339	.....	339	.....	345	.....	347	.....	355	.....
Soap, candles and tallow	2	10	8	10	6	10	8	10	8	10	8
Soda and mineral waters	2	24	.....	24	.....	27	.....	29	.....	29	.....
Steel, iron and tin	3	607	.....	727	.....	735	.....	762	.....	745	.....
Stencils, stamps and seals	3	9	.....	9	.....	9	.....	9	.....	9	.....
Stone (cut, sawed and artificial)	2	14	.....	21	.....	26	.....	39	.....	40	.....
Stoves, ranges and furnaces	3	66	.....	69	.....	67	.....	73	.....	83	.....
Tinware, sheet-iron and galvanized-iron ware	14	453	103	468	100	465	96	408	87	404	92
Tools	3	16	.....	16	.....	17	.....	18	.....	15	.....
Wire rods, wire cloth and wire goods	2	23	.....	24	.....	25	.....	24	.....	26	.....
Miscellaneous	19	370	237	358	240	361	231	370	225	367	245
Totals and averages	315	10,875	1,867	11,675	2,038	11,914	2,002	12,123	1,940	12,294	1,979

TABLE IIIe—MANUFACTURES—TOLEDO.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
34	.....	40	.....	26	.....	16	.....	19	.....	33	.....	16	.....	30	.....
32	59	25	47	20	37	20	34	18	34	17	33	17	33	23	44
5	16	5	16	5	16	3	14	3	14	6	16	6	16	5	16
2,094	52	1,855	46	1,798	42	1,862	45	1,896	50	1,947	40	2,065	54	1,948	49
150	.....	150	.....	150	.....	150	.....	150	.....	150	.....	150	.....	150	.....
599	.....	567	.....	552	.....	484	.....	568	.....	603	.....	679	.....	605	.....
18	40	19	40	19	43	19	44	19	42	18	47	18	47	18	44
105	8	103	8	97	8	89	8	87	8	85	8	84	8	94	8
213	151	211	153	198	147	198	146	195	144	197	139	196	132	194	143
370	.....	363	.....	352	.....	318	.....	192	.....	135	.....	71	.....	212	.....
170	81	174	81	173	80	172	78	163	82	166	82	157	79	166	85
547	2	546	2	535	2	531	2	508	2	482	2	462	2	511	2
297	2	294	2	281	2	281	2	268	2	270	2	260	2	281	2
55	10	55	10	53	10	53	10	54	10	59	10	56	10	55	10
184	561	163	487	213	637	236	633	248	648	186	491	171	472	201	579
28	61	28	61	28	61	28	86	28	86	30	86	30	87	28	69
72	.....	74	.....	78	.....	80	.....	90	.....	93	.....	80	.....	87	.....
26	.....	25	.....	23	.....	23	.....	23	.....	21	.....	23	.....	25	.....
9	248	9	261	9	261	9	260	9	235	9	204	9	182	9	219
23	.....	23	.....	22	.....	22	.....	21	.....	19	.....	20	.....	20	.....
29	17	31	17	30	18	29	17	29	16	32	18	34	18	30	17
184	19	183	8	185	13	194	16	213	38	218	43	218	38	207	33
5	5	5	5	5	5	4	5	5	5	4	4	5	4	5	5
178	.....	175	.....	199	.....	197	.....	196	.....	178	.....	191	.....	205	.....
1,558	29	1,500	34	1,690	35	1,538	35	1,699	31	1,873	28	2,050	17	1,548	24
450	12	430	10	478	15	531	17	535	17	528	15	499	12	485	14
100	.....	98	.....	89	.....	97	.....	120	.....	129	.....	120	.....	117	.....
813	150	700	75	813	150	813	150	813	150	813	150	813	150	804	144
16	5	16	4	16	4	16	4	16	4	16	4	16	4	16	4
293	.....	309	.....	316	.....	340	.....	336	.....	270	.....	242	.....	346	.....
60	1	60	1	65	1	66	1	63	1	55	1	35	1	50	1
17	.....	17	.....	17	.....	17	.....	28	.....	28	.....	18	.....	19	.....
253	.....	251	.....	252	.....	251	.....	244	.....	234	.....	233	.....	245	.....
6	.....	5	.....	6	.....	5	.....	5	.....	5	.....	5	.....	6	.....
649	1	636	1	598	1	589	1	586	1	546	1	531	1	606	1
26	2	24	2	24	2	30	2	30	2	32	2	33	2	28	2
14	7	12	5	11	6	11	5	10	7	9	5	9	5	11	6
217	.....	210	.....	207	.....	217	.....	238	.....	225	.....	228	.....	219	.....
30	1	29	1	29	1	29	1	29	1	29	1	28	1	29	1
17	11	19	10	27	14	40	20	40	29	32	23	17	21	21	14
190	86	187	90	189	94	192	91	189	90	189	88	184	89	182	85
353	.....	371	.....	370	.....	377	.....	370	.....	360	.....	335	.....	355	.....
11	8	10	9	10	8	10	9	10	9	9	8	9	8	10	8
29	.....	30	.....	29	.....	29	.....	25	.....	25	.....	24	.....	27	.....
631	.....	283	.....	710	.....	659	.....	609	.....	614	.....	669	.....	646	.....
10	.....	10	.....	10	.....	10	.....	10	.....	10	.....	10	.....	10	.....
45	.....	48	.....	45	.....	33	.....	44	.....	38	.....	36	.....	36	.....
129	.....	136	.....	143	.....	143	.....	142	.....	132	.....	115	.....	108	.....
410	103	467	95	461	91	424	94	412	92	392	99	419	107	432	97
14	.....	14	.....	14	.....	14	.....	14	.....	14	.....	3	.....	14	.....
23	.....	23	.....	23	.....	23	.....	23	.....	23	.....	23	.....	24	.....
362	346	352	371	352	303	350	307	350	404	360	390	346	391	358	308
12,153	2,094	11,370	1,952	12,045	2,107	11,872	2,137	11,992	2,254	11,948	2,040	12,068	1,993	11,861	2,034

TABLE III*f*—MANUFACTURES—CITIES.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	11	536	265	532	265	552	269	555	263	552	253
Agricultural implements	32	3,968	112	4,291	114	4,349	118	4,165	98	3,705	84
Awnings, tents and flags	3	5	3	5	3	7	7	8	8	8	11
Baskets	2	.....	.....	.....	.....	2	.....	16	6	20	6
Bicycles, bicycle sundries and autos	14	459	16	443	17	407	11	405	11	408	8
Billiard tables, bar and store fixtures	3	61	.....	62	.....	65	.....	64	.....	63	.....
Boilers, engines and tanks	64	4,917	.....	4,953	.....	4,958	.....	4,995	.....	4,779	.....
Boots and shoes	13	2,464	1,606	2,520	1,619	2,485	1,582	2,444	1,521	2,463	1,519
Boxes (paper)	7	28	130	32	166	32	166	32	158	32	159
Boxes (wooden)	10	170	48	179	62	189	67	186	65	185	66
Bread and other bakery products	122	542	186	534	178	541	178	549	191	557	195
Brick and tile	107	2,780	362	2,893	376	3,228	376	3,690	369	4,052	342
Brooms and brushes	18	244	52	247	54	248	53	243	51	238	52
Canned goods	10	47	43	86	47	91	53	92	49	135	59
Carriages and wagons	102	1,639	47	1,840	51	1,936	56	1,952	49	1,920	51
Carriage and wagon materials	31	1,593	61	1,630	73	1,683	74	1,693	71	1,636	70
Cars and car furnishings	3	473	.....	469	.....	442	.....	336	.....	329	.....
Castors	2	62	6	58	6	57	7	55	8	51	7
Chewing gum	2	6	41	6	41	6	41	6	46	6	46
Churns	2	40	5	40	5	41	5	41	5	41	5
Cigars	163	961	2,775	967	2,766	954	2,695	868	1,809	861	1,802
Clothing	205	573	1,513	581	1,536	626	1,586	655	1,575	655	1,585
Clothes wringers and washboards	3	12	.....	12	.....	12	.....	15	.....	17	.....
Coffee, baking powder and spices	5	4	5	3	5	3	4	4	5	3	5
Coffins and burial casess	5	232	49	229	47	235	51	228	45	233	53
Confectionery	24	74	92	75	98	76	103	82	106	86	110
Cooperage	28	556	1	549	1	538	1	537	1	524	1
Copper and brass goods	12	302	18	335	23	331	27	334	29	341	23
Cordage and twine	2	581	94	672	110	566	89	699	111	652	107
Cotton and woolen goods (knit and woven)	17	309	827	320	824	322	834	309	827	309	869
Cutlery and edge tools	6	466	92	461	81	468	85	477	85	489	87
Dairy products	10	88	1	88	1	88	1	88	1	89	1
Dental and surgical chairs	3	100	.....	100	.....	99	.....	103	.....	96	.....
Drugs, chem. and druggists' sundries	31	114	27	115	29	123	30	122	25	122	24
Electrical goods and supplies	25	732	760	756	717	780	695	773	670	748	674
Extracts, toilet articles and perfumery	4	68	22	92	39	88	46	90	43	92	49
Fertilizers	9	55	.....	60	.....	78	.....	98	.....	83	.....
Flouring mill products	103	1,125	140	1,152	162	1,139	172	1,114	160	1,105	163
Foundry and machine shop products	110	4,540	28	4,505	39	4,357	43	4,557	47	4,786	49
Furniture	37	2,383	51	2,454	54	2,499	53	2,456	57	2,412	53
Gas and electricity	74	1,261	4	1,247	4	1,265	4	1,343	4	1,425	4
Glass and glassware	23	2,884	340	3,314	343	3,294	353	3,145	368	3,111	357
Glass works' supplies	4	105	9	107	10	108	10	126	11	122	12
Gloves and mittens	9	38	398	38	399	38	402	40	406	27	384
Gunpowder and other explosives	7	218	.....	225	.....	227	.....	226	.....	214	.....
Handles	10	256	.....	257	.....	247	.....	236	.....	226	.....
Hardware	10	395	48	415	53	441	59	454	67	436	53
Harness and saddlery	15	257	33	256	33	250	35	231	37	218	34
Hats, caps and furnishings	4	13	81	13	93	13	103	13	103	13	108
Hollow ware	3	496	139	460	146	507	146	471	151	468	157
Ice (artificial)	31	182	.....	171	.....	174	.....	206	.....	256	.....
Iron (structural and architectural)	15	1,200	.....	1,150	.....	1,113	.....	1,173	.....	1,125	.....
Jewelry and watches	3	1,017	504	1,014	504	1,010	503	1,003	502	998	497
Leather and leather goods	11	248	2	248	2	254	2	255	2	263	3
Lighting apparatus	5	133	15	138	15	150	15	149	16	152	16
Lime, sand, cement and plaster	29	573	.....	513	.....	760	.....	891	2	902	2
Liquors (distilled)	17	94	4	96	4	101	7	102	7	115	7
Liquors (malt)	51	828	6	827	6	867	6	910	6	934	6
Lithographing, eng. and electrotyping	6	35	1	35	1	36	1	36	1	36	1
Machinery	78	5,266	15	5,474	17	5,381	18	5,294	25	5,076	28
Malt	4	58	.....	58	.....	58	.....	58	.....	57	.....
Marble and granite	20	84	1	86	1	88	1	96	1	103	1
Mattresses and pillows	8	96	54	97	55	105	59	108	63	110	63
Oil cloth and window shade cloth	2	125	.....	131	.....	134	.....	141	.....	107	.....
Oil and grease	5	592	1	573	1	579	1	559	1	580	1
Paints and varnishes	11	60	3	60	3	61	3	62	3	61	3
Patterns and models	8	34	.....	36	.....	35	.....	37	.....	37	.....
Pianos and other musical instruments	8	304	1	304	1	306	1	305	1	313	1
Pickles, preserves and sauces	4	9	4	8	3	13	9	13	9	17	14
Plating	4	13	.....	13	.....	12	.....	11	.....	11	.....
Plumbing, steam and gas ftg. supplies	9	512	.....	546	.....	587	.....	602	.....	624	.....
Pottery and stoneware	55	5,308	2,198	5,572	2,344	5,587	2,342	5,585	2,364	5,529	2,373

TABLE III*f*—MANUFACTURES—CITIES.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females
537	227	491	235	512	252	527	257	545	281	545	291	532	290	535	262
3,398	108	3,055	91	2,682	4	2,671	18	3,238	68	3,524	68	3,875	64	3,577	79
12	12	10	12	9	9	7	3	3	3	2	3	2	1	6	6
24	6	12	.....	26	6	30	6	21	4	.....	.....	.....	.....	13	3
339	4	304	1	274	2	318	4	344	7	399	6	418	4	377	8
61	.....	66	.....	65	.....	76	.....	81	.....	79	.....	81	.....	69	.....
4,714	.....	4,501	.....	4,635	1	4,474	1	4,347	1	4,368	1	4,377	1	4,668	1
2,472	1,543	2,465	1,550	2,443	1,533	2,304	1,460	2,375	1,533	2,483	1,618	2,609	1,655	2,460	1,562
32	156	30	159	31	158	31	158	31	155	31	155	31	154	31	156
179	67	170	54	200	58	237	70	278	75	257	70	178	69	201	64
576	197	574	197	571	188	568	183	567	187	562	190	554	176	558	187
4,146	332	4,197	343	4,210	363	4,076	354	3,740	361	3,372	363	2,939	388	3,610	361
240	51	238	51	215	46	221	46	240	54	244	54	247	54	239	52
354	232	508	272	1,865	742	1,880	849	555	424	192	130	124	61	494	247
1,838	43	1,624	51	1,487	44	1,559	33	1,564	30	1,608	33	1,712	48	1,723	45
1,576	64	1,492	68	1,438	50	1,398	43	1,467	39	1,594	44	1,687	53	1,574	59
390	.....	391	.....	402	.....	406	.....	341	.....	314	.....	249	.....	378	.....
45	7	39	6	33	6	31	7	34	5	31	7	31	7	44	7
6	56	6	66	6	66	6	61	6	51	6	41	6	41	6	50
41	5	40	5	40	5	44	5	44	5	45	5	45	5	42	5
963	2,677	943	2,863	940	2,874	938	2,891	912	2,959	888	2,978	904	2,827	925	2,660
646	1,573	579	1,516	576	1,506	634	1,599	651	1,641	648	1,641	632	1,631	621	1,575
15	.....	10	.....	11	.....	8	.....	8	.....	8	.....	9	.....	11	.....
4	5	3	2	3	2	3	2	3	2	3	2	3	2	3	3
228	53	229	49	231	43	235	44	245	52	246	50	239	47	234	49
96	117	96	118	95	118	99	129	103	138	104	140	106	139	91	117
541	1	483	1	506	1	531	1	524	1	517	1	554	1	530	1
349	15	295	11	306	10	303	16	316	18	322	20	333	21	322	19
521	111	396	80	367	70	383	76	376	80	403	82	396	90	501	92
311	863	305	864	298	856	282	850	291	818	290	791	293	841	303	839
490	89	462	91	482	93	482	100	475	101	470	106	461	109	474	93
88	1	91	1	91	1	92	1	92	1	94	1	94	1	90	1
96	.....	90	.....	87	.....	91	.....	97	.....	97	.....	97	.....	96	.....
110	24	113	25	117	28	121	33	127	37	131	41	137	41	121	30
740	658	685	484	684	636	691	659	705	696	700	704	706	716	725	672
97	62	102	62	108	56	112	61	122	66	120	61	111	44	100	51
82	.....	98	.....	113	.....	142	.....	65	.....	60	.....	60	.....	83	.....
1,098	162	1,146	176	1,274	288	1,294	298	1,282	329	1,267	315	1,209	224	1,184	216
4,821	48	4,562	39	4,698	37	4,617	39	4,955	44	5,141	43	5,234	41	4,731	41
2,382	56	2,360	51	2,402	48	2,490	64	2,531	61	2,543	65	2,457	62	2,447	56
1,493	4	1,510	4	1,508	4	1,450	4	1,347	4	1,283	4	1,277	4	1,367	4
3,024	350	832	183	1,576	240	3,489	359	4,879	401	5,097	412	5,440	414	3,340	343
155	11	142	8	138	7	148	7	151	11	154	11	141	11	133	10
28	388	29	406	29	407	29	413	29	414	37	446	34	358	33	402
198	.....	204	.....	197	.....	191	.....	192	.....	189	.....	190	.....	206	.....
226	.....	210	.....	211	.....	236	.....	238	.....	255	.....	256	.....	238	.....
412	51	414	54	415	49	422	48	410	46	411	50	403	40	419	51
214	32	117	35	129	27	229	25	234	30	240	33	260	37	220	33
13	101	13	123	13	113	13	113	14	114	14	117	15	116	13	107
461	158	366	58	337	47	431	127	392	125	371	126	355	117	426	125
323	1	361	1	373	1	344	1	273	1	204	.....	175	.....	253	1
1,073	.....	1,096	.....	1,101	.....	1,142	.....	1,116	.....	945	.....	1,000	.....	1,103	.....
998	497	939	475	999	496	990	489	990	489	989	490	989	491	995	495
265	3	248	3	247	3	250	3	247	2	249	2	246	2	252	2
145	19	144	19	130	19	129	19	132	19	139	21	147	21	141	18
875	2	872	2	869	2	904	2	846	2	783	2	683	.....	789	.....
103	7	91	7	92	7	121	7	131	7	113	7	95	7	105	6
995	6	1,033	6	1,024	6	1,010	6	946	6	903	6	892	6	931	6
36	1	34	1	34	1	34	1	36	1	36	1	37	1	35	1
4,994	26	5,043	26	5,046	24	5,071	33	4,493	38	4,563	35	4,644	45	5,029	28
23	.....	21	.....	21	.....	35	.....	58	.....	58	.....	58	.....	47	.....
101	1	107	1	107	1	108	1	100	1	98	1	97	1	98	1
100	59	91	50	103	56	78	49	74	46	85	49	66	37	93	53
138	.....	114	.....	94	.....	84	.....	82	.....	99	.....	127	.....	115	.....
572	1	558	1	529	1	519	1	549	1	589	1	589	1	566	1
50	2	43	2	46	2	48	2	50	2	51	2	49	2	53	2
37	.....	35	.....	35	.....	38	.....	42	.....	42	.....	44	.....	38	.....
316	1	299	1	294	1	282	1	286	1	302	1	300	1	301	1
21	13	29	14	34	23	42	30	39	30	38	29	33	29	25	17
11	.....	11	.....	13	.....	14	.....	14	.....	13	.....	12	.....	12	.....
600	.....	591	.....	569	.....	556	.....	580	.....	618	.....	608	.....	583	.....
5,613	2,403	5,183	2,172	5,608	2,379	5,610	2,381	5,489	2,297	5,459	2,267	5,362	2,258	5,492	2,315

TABLE III*f*—MANUFACTURES—CITIES—Concluded.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Potters' supplies	6	106	46	114	47	113	46	117	44	110	41
Printing and binding	254	2,478	1,271	2,445	1,202	2,429	1,175	2,440	1,133	2,436	1,090
Pumps and water-wheels	9	430	.....	429	.....	426	.....	452	.....	443	.....
Roofing (steel, iron and tin)	14	156	4	159	4	166	4	174	4	190	2
Rubber goods	16	3,631	642	3,401	666	3,422	671	3,389	705	3,293	697
Rugs and carpet cleaning	2	6	3	6	3	6	3	10	4	10	4
Safes, vaults and locks	5	1,421	.....	1,451	.....	1,462	.....	1,474	.....	1,463	.....
Sash, doors, lumber and interior finish	141	2,485	29	2,387	27	2,631	31	2,792	30	2,904	31
Slaughtering and meat packing	7	87	.....	67	.....	60	.....	52	.....	62	.....
Soap, candles and tallow	10	20	5	20	5	25	7	26	7	29	7
Soda and mineral waters	45	109	2	108	2	108	2	111	2	123	2
Steel, iron and tin	56	20,279	140	21,724	150	23,429	147	24,132	114	24,831	131
Stencils, stamps and seals	3	2	.....	2	.....	2	.....	2	.....	2	.....
Stone (cut, sawed and artificial)	20	242	1	235	1	294	1	401	1	425	1
Stoves, ranges and furnaces	37	2,412	2	3,004	6	3,174	6	3,235	6	3,455	6
Strawboards and paper	23	1,752	447	1,842	450	1,845	461	1,831	480	1,832	487
Sucker rods	2	24	.....	25	.....	24	.....	24	.....	24	.....
Tinware, sheet-iron and galvanized-iron ware	44	926	185	1,072	229	1,228	309	1,393	336	1,444	331
Tobacco (chewing and smoking)	6	360	312	338	309	517	386	485	398	460	390
Tools	21	1,519	7	1,458	7	1,362	10	1,385	14	1,310	11
Whips	2	72	39	74	37	66	37	56	33	51	32
Wire rods, wire cloth and wire goods	10	646	55	714	54	683	55	700	57	682	57
Miscellaneous	89	1,489	745	1,484	757	1,526	791	1,510	809	1,489	844
Totals and averages	2725	96655	17274	100387	17603	103500	17800	105208	16892	105617	16877

TABLE III*f*—MANUFACTURES—CITIES—Concluded.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
113	40	94	40	112	39	116	41	114	42	114	42	110	40	111	42
2,432	1,051	2,436	1,051	2,439	1,052	2,436	1,093	2,460	1,097	2,504	1,193	2,552	1,243	2,457	1,138
441	.....	449	.....	454	.....	446	.....	441	.....	456	.....	453	.....	443	.....
188	2	187	2	203	2	199	2	201	3	209	3	205	3	186	3
3,473	692	3,356	657	3,197	608	3,186	627	3,278	629	3,357	646	3,539	643	3,377	657
10	4	10	4	10	4	10	4	6	3	6	3	6	3	8	3
1,463	.....	1,438	.....	1,420	.....	1,412	.....	1,380	.....	1,361	.....	1,366	.....	1,426	.....
3,070	21	3,207	15	3,080	13	2,996	15	2,944	14	2,786	14	2,604	14	2,824	21
70	.....	72	.....	73	.....	73	.....	74	.....	81	.....	79	.....	71	.....
28	7	28	7	38	10	37	10	36	10	32	8	21	5	28	7
131	2	134	2	134	2	128	2	114	2	111	2	110	2	118	2
24,711	148	21,746	141	22,626	143	23,147	128	23,632	134	23,926	115	25,112	133	23,275	135
2	.....	2	.....	2	.....	2	.....	1	.....	2	.....	1	.....	2	.....
446	1	439	1	417	1	417	1	373	1	318	1	280	1	357	1
3,378	6	3,368	6	3,569	6	3,709	6	3,781	6	3,891	6	3,810	6	3,399	6
1,751	483	1,820	476	1,754	455	1,807	436	1,796	431	1,778	446	1,771	441	1,798	458
25	.....	26	.....	27	.....	27	.....	16	.....	15	.....	15	.....	23	.....
1,521	339	1,470	348	1,372	302	1,492	428	1,426	391	1,372	449	1,167	409	1,324	338
485	417	510	440	506	420	584	500	453	414	502	440	540	484	478	409
1,260	9	1,226	9	1,152	8	1,114	9	1,200	8	1,371	10	1,450	10	1,317	9
51	27	53	31	42	30	53	30	55	32	53	31	54	30	57	32
702	57	682	56	667	56	682	57	695	58	713	60	740	58	692	57
1,463	774	1,423	715	1,514	691	1,488	704	1,592	788	1,582	802	1,578	834	1,512	771
105485	17842	98217	17247	101262	17958	104020	18636	104228	18478	104675	18504	105919	18266	102931	17781

TABLE III*g*—MANUFACTURES—VILLAGES.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	2	9	1	9	1	11	1	13	1	13	1
Agricultural implements	20	966	8	965	7	957	8	939	9	862	8
Baskets	9	137	24	142	27	141	29	181	42	242	71
Bicycles, bicycle sundries and autos	3	80	.....	85	.....	98	.....	84	.....	81	.....
Billiard tables, bar and store fixtures	6	145	2	148	2	152	2	149	2	147	2
Boilers, engines and tanks	10	1,211	.....	1,102	.....	1,177	.....	1,195	.....	1,177	.....
Boots and shoes	3	73	54	90	59	88	57	84	55	74	57
Boxes (wooden)	4	20	15	23	31	25	31	25	31	30	31
Bread and other bakery products	68	99	26	99	26	99	26	100	26	101	26
Brick and tile	214	4,756	19	4,956	16	5,125	13	5,941	11	6,471	12
Brooms and brushes	6	47	6	47	6	46	6	45	6	44	6
Canned goods	24	22	32	22	32	12	32	12	32	18	32
Carriages and wagons	69	832	28	911	30	958	31	997	32	1,008	32
Carriage and wagon material	18	835	.....	873	.....	876	.....	874	.....	833	.....
Cars and car furnishings	6	312	.....	311	.....	313	.....	307	.....	292	.....
Churns	2	51	.....	49	.....	49	.....	49	.....	48	.....
Cigars	95	287	209	285	187	298	213	295	216	297	218
Clothing	83	129	421	130	425	135	440	141	440	143	435
Confectionery	3	4	3	3	3	4	3	5	3	3	2
Cooperage	34	416	.....	456	.....	571	.....	633	1	635	1
Cotton and woolen goods (knit and woven)	18	314	367	321	381	331	406	326	401	327	413
Cutlery and edge tools	2	40	2	40	2	41	2	41	2	40	2
Dairy products	58	133	.....	133	.....	135	.....	163	1	172	1
Drugs, chem. and druggists' sundries	15	403	85	417	85	413	85	412	87	412	85
Electrical goods and supplies	10	174	163	156	156	144	145	139	147	124	141
Fireworks	2	90	76	116	87	116	93	119	94	122	98
Flouring mill products	251	911	1	891	1	899	1	891	1	900	1
Foundry and machine shop products	62	1,623	14	1,775	14	1,772	16	1,779	16	1,798	16
Furniture	40	1,153	19	1,167	19	1,203	19	1,203	20	1,213	20
Gas and electricity	103	293	7	303	9	299	10	300	7	304	2
Glass and glassware	7	1,057	80	1,241	80	1,249	78	1,248	81	1,249	82
Gloves and mittens	2	14	120	14	120	14	120	14	120	14	120
Handles	26	344	1	348	1	353	1	377	1	375	1
Hardware	5	124	8	129	11	140	13	145	15	142	16
Harness and saddlery	18	520	357	519	360	522	363	495	359	470	358
Hollow ware	2	55	5	54	8	54	7	53	12	53	11
Ice	11	21	.....	24	.....	22	.....	44	.....	58	.....
Leather and leather goods	8	185	27	170	27	173	24	161	23	161	23
Lime, sand, cement and plaster	25	826	7	807	8	925	9	969	9	1,004	7
Liquors (distilled)	8	81	.....	82	5	96	3	97	4	92	6
Liquors (malt)	10	74	.....	74	.....	74	.....	74	.....	75	.....
Machinery	23	991	19	999	22	986	18	924	20	919	17
Marble and granite	15	93	.....	98	.....	101	.....	111	.....	105	.....
Matches	3	729	266	713	285	770	299	750	310	759	301
Pianos and other musical instruments	3	80	6	75	6	81	6	78	6	78	8
Pickles, preserves and sauces	6	31	11	13	1	8	.....	11	.....	13	.....
Pottery and stoneware	42	1,804	900	1,854	861	1,931	915	1,968	950	2,009	969
Printing and binding	165	359	173	360	171	357	170	358	174	353	174
Pumps and water wheels	13	545	.....	551	.....	557	.....	532	.....	539	.....
Rubber goods	8	137	81	153	90	164	91	140	93	147	107
Salt	6	339	23	311	27	300	28	225	22	210	26
Sash, doors, lumber and interior finish	161	1,600	2	1,552	2	1,732	2	1,902	2	1,951	2
Slaughtering and meat packing	3	34	.....	34	.....	32	.....	30	.....	30	.....
Soda and mineral waters	11	8	.....	8	.....	8	.....	9	.....	13	.....
Steel, iron and tin	18	2,019	1	3,276	1	3,806	1	4,060	1	3,798	1
Stone (cut, sawed and artificial)	20	103	.....	104	.....	201	.....	272	.....	330	.....
Stoves, ranges and furnaces	10	191	.....	212	.....	224	.....	222	.....	218	.....
Strawboards and paper	24	1,203	386	1,201	386	1,189	387	1,240	410	1,211	418
Tinware, sheet-iron and galvanized-iron ware	9	95	.....	102	.....	116	.....	113	.....	110	.....
Tobacco (chewing and smoking)	2	5	.....	5	.....	5	.....	5	.....	10	35
Tools	9	218	4	219	4	217	4	218	4	211	4
Whips	3	45	37	44	37	44	37	44	37	44	37
Wire rods, wire cloth and wire goods	6	5	.....	5	.....	9	.....	31	.....	31	.....
Miscellaneous	68	1,103	167	1,057	152	1,043	158	1,055	159	1,075	155
Totals and averages	1990	30,603	4,263	32,433	4,271	33,991	4,405	35,417	4,495	35,788	4,591

TABLE III*g*—MANUFACTURES—VILLAGES.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
16	1	16	1	21	1	21	1	15	1	10	1	8	1	14	1
745	4	540	4	528	3	636	5	696	5	831	6	893	9	796	6
259	71	270	79	196	59	182	47	215	56	177	39	114	26	188	47
68	.....	60	.....	56	.....	57	.....	49	.....	53	.....	86	.....	71	.....
147	2	144	6	142	6	147	6	149	5	149	4	151	3	148	4
1,131	.....	829	.....	703	.....	688	.....	669	.....	632	.....	695	.....	934	.....
84	56	92	68	95	60	98	57	97	60	86	54	74	48	86	57
35	31	40	31	35	31	35	31	30	31	25	31	25	31	29	29
105	27	107	27	107	27	105	27	102	27	101	26	99	26	102	26
6,501	11	6,426	12	6,326	12	6,155	12	5,903	14	5,231	13	4,550	16	5,695	14
44	6	43	6	43	6	44	6	45	6	47	6	47	6	45	6
96	92	106	98	584	567	781	801	510	665	73	73	30	42	189	208
980	34	872	30	821	27	731	21	632	15	746	15	808	19	858	26
779	.....	708	.....	687	.....	721	.....	772	.....	809	.....	836	.....	800	.....
286	.....	284	.....	292	.....	291	.....	292	.....	297	.....	294	.....	298	.....
47	.....	47	.....	45	.....	46	.....	56	.....	55	.....	56	.....	50	.....
294	196	304	212	297	209	299	237	303	240	300	240	285	211	295	216
141	442	125	377	124	387	135	430	138	433	136	414	137	409	135	421
2	1	2	1	2	1	3	3	2	3	2	2	2	1	3	2
640	1	664	1	721	1	756	1	732	1	695	1	610	.....	627	1
327	432	331	464	344	452	329	388	316	381	320	402	329	407	326	408
41	2	42	2	43	3	42	3	41	3	41	3	41	3	41	2
178	3	179	3	178	3	174	3	161	1	157	1	134	1	158	1
402	63	378	46	389	36	392	75	409	73	406	72	429	75	405	72
116	138	125	102	113	136	105	136	186	140	186	141	103	131	139	140
125	98	86	61	93	73	97	78	94	73	89	72	84	70	103	81
905	1	915	1	943	1	946	1	932	1	926	1	921	1	915	1
1,893	14	1,932	11	2,057	9	1,988	22	2,023	28	2,127	30	2,152	30	1,910	18
1,134	12	1,113	.....	1,069	.....	1,177	18	1,140	18	1,198	17	1,114	14	1,157	15
312	7	315	3	303	6	314	3	318	8	314	11	301	11	306	7
1,274	78	599	60	639	22	1,173	85	1,351	100	1,288	102	1,344	137	1,143	82
14	130	14	130	14	150	14	150	14	140	14	130	14	120	14	129
369	1	347	1	375	1	343	1	355	1	347	1	371	1	359	1
146	15	132	15	126	15	124	19	131	22	139	26	143	28	135	17
472	358	469	354	463	349	454	347	475	353	502	365	519	370	490	358
56	13	60	13	60	13	61	14	60	14	50	6	54	6	56	10
70	.....	75	.....	85	.....	75	.....	60	.....	47	.....	35	.....	51	.....
187	26	191	24	186	24	183	22	180	22	207	21	191	21	181	24
1,007	7	953	8	1,057	7	1,120	6	1,012	8	991	7	803	4	956	7
95	8	86	8	85	8	101	7	100	7	101	7	98	6	93	6
75	.....	75	.....	75	.....	74	.....	74	.....	74	.....	98	.....	76	.....
993	24	851	22	862	20	902	19	886	20	871	22	853	22	920	20
105	.....	107	.....	106	.....	104	.....	103	.....	97	.....	99	.....	102	.....
761	324	745	295	710	261	714	262	760	287	752	312	764	322	744	294
84	9	95	11	98	17	101	16	101	16	103	16	104	16	90	11
16	.....	35	1	90	1	163	85	194	147	131	79	37	5	62	27
1,976	965	1,991	967	2,134	1,009	2,164	999	2,145	1,023	2,178	1,036	2,108	1,006	2,022	967
356	171	352	173	353	173	363	184	371	188	371	187	376	192	361	178
523	.....	518	1	218	1	503	1	504	1	501	1	496	1	499	1
190	105	172	101	153	96	130	77	133	77	175	108	130	69	152	91
202	28	199	31	215	29	282	26	306	22	358	24	356	22	275	26
1,973	2	1,841	2	1,933	2	1,958	2	1,918	2	1,848	2	1,794	2	1,834	2
30	.....	31	.....	32	.....	33	.....	34	.....	33	.....	33	.....	32	.....
14	.....	17	.....	17	.....	15	.....	11	.....	8	.....	8	.....	11	.....
3,011	1	2,153	1	2,276	1	2,249	1	2,338	1	2,832	1	3,718	1	2,961	1
359	.....	398	.....	383	.....	376	.....	367	.....	306	.....	226	.....	285	.....
212	.....	216	.....	226	.....	235	.....	253	.....	243	.....	219	.....	222	.....
1,225	422	1,217	411	1,208	394	1,264	392	1,265	394	1,324	389	1,284	393	1,236	399
115	.....	96	.....	106	.....	108	.....	125	.....	106	.....	106	.....	108	.....
10	35	10	35	5	.....	5	.....	5	.....	5	.....	5	.....	6	9
210	4	206	4	201	4	197	4	198	4	201	4	206	4	209	4
44	37	45	37	45	35	45	37	45	37	45	37	44	37	45	37
27	.....	14	.....	14	.....	22	.....	24	.....	24	.....	24	.....	19	.....
1,057	160	1,044	137	1,023	136	1,039	159	1,068	180	1,078	177	1,062	175	1,059	160
35,091	4,668	32,449	4,488	32,930	4,884	34,189	5,327	33,993	5,354	33,569	4,735	33,130	4,551	33,631	4,670

TABLE III*h*—MANUFACTURES—STATE.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Advertising novelties and signs	21	714	392	713	390	737	392	747	384	750	373
Agricultural implements	58	5,407	120	5,743	121	5,837	126	5,647	107	5,044	92
Awnings, tents and flags	24	152	177	157	190	195	233	218	264	254	299
Bags (paper and burlap)	10	377	424	379	417	365	422	378	418	382	422
Baskets	11	137	24	142	27	143	29	197	48	262	77
Bath cabinets	2	6	18	6	18	5	16	5	16	5	16
Bicycles, bicycle sundries and autos	37	4,055	117	4,271	116	4,190	100	4,054	92	4,025	89
Billiard tables, bar and store fixtures	33	1,056	3	1,061	3	1,087	3	1,099	3	1,092	3
Boilers, engines and tanks	112	8,132	.....	8,095	.....	8,185	.....	8,239	.....	7,997	.....
Boots and shoes	52	8,466	5,828	8,554	5,876	8,540	5,843	8,356	5,636	8,377	5,652
Boxes (paper)	31	428	1,316	431	1,315	437	1,331	434	1,352	422	1,328
Boxes (wooden)	54	1,155	299	1,204	332	1,237	336	1,244	307	1,216	304
Bread and other bakery products	257	2,114	867	2,147	957	2,161	930	2,193	952	2,248	978
Brick and tile	363	7,947	381	8,286	392	9,000	391	10,699	380	11,825	354
Brooms and brushes	50	669	218	668	223	673	208	674	201	672	205
Bungs	3	128	.....	131	.....	134	.....	134	.....	132	.....
Buttons (pearl)	2	27	36	27	38	26	40	32	44	30	41
Canned goods	34	69	75	108	79	103	85	104	81	153	91
Carriages and wagons	282	6,235	220	6,765	252	7,066	265	7,240	264	7,257	263
Carriage and wagon materials	81	3,839	126	3,938	138	4,011	139	4,014	136	3,906	131
Cars and car furnishings	9	785	.....	780	.....	755	.....	643	.....	621	.....
Castors	2	62	6	58	6	57	7	55	8	51	7
Chewing gum	4	18	326	18	323	18	336	19	351	19	361
Churns	4	91	5	89	5	90	5	90	5	89	5
Cigars	399	3,199	6,830	3,158	6,615	3,165	6,203	3,102	4,690	3,023	4,992
Clothing	712	5,475	8,470	5,633	8,800	6,089	9,102	6,139	8,938	6,084	8,681
Clothes wringers and washboards	3	12	.....	12	.....	12	.....	15	.....	17	.....
Coffee, baking powder and spices	20	128	142	129	145	130	145	132	153	130	149
Coffins and burial cases	11	870	166	884	168	895	176	905	175	896	185
Confectionery	59	483	671	483	677	484	675	511	681	513	667
Cooperage	82	2,039	1	2,170	1	2,317	1	2,382	2	2,303	2
Copper and brass goods	60	2,446	78	2,536	89	2,558	93	2,514	94	2,454	89
Cordage and twine	2	581	94	672	110	566	89	699	111	652	107
Cotton and woolen goods (knit and woven)	54	1,167	2,926	1,218	2,933	1,229	2,972	1,190	2,974	1,163	3,038
Cutlery and edge tools	8	506	94	501	83	509	87	518	87	529	89
Dairy products	80	518	2	519	2	531	12	562	13	569	13
Dental and surgical chairs	3	100	.....	100	.....	99	.....	103	.....	96	.....
Drugs, chem. and druggists' sundries	100	1,563	461	1,601	460	1,604	460	1,569	436	1,533	438
Electrical goods and supplies	73	3,227	1,521	3,305	1,469	3,305	1,417	3,424	1,415	3,361	1,386
Elevators and hoisting machinery	9	225	.....	224	.....	204	.....	197	.....	187	.....
Extracts, toilet articles and perfumery	18	126	61	152	78	143	85	147	84	150	96
Fertilizers	13	299	.....	309	.....	348	.....	379	.....	344	.....
Fireworks	2	90	76	116	87	116	93	119	94	122	98
Flouring mill products	376	2,433	145	2,448	167	2,438	177	2,408	165	2,380	168
Foundry and machine shop products	329	24,834	886	25,457	900	25,389	921	25,943	961	26,050	975
Furniture	160	6,837	368	7,001	379	7,215	391	7,166	393	7,117	393
Furs	2	6	13	6	12	6	12	6	10	6	11
Gas and electricity	186	2,612	11	2,627	13	2,639	14	2,796	11	2,767	6
Gas mantels	3	27	15	27	15	26	13	28	11	29	11
Glass and glassware	43	5,734	756	6,366	759	6,361	768	6,215	785	6,167	775
Glass works' supplies	4	105	9	107	10	108	10	126	11	122	12
Gloves and mittens	13	76	556	76	557	77	561	76	566	65	551
Gunpowder and other explosives	9	310	28	315	28	317	28	314	32	303	32
Handles	36	600	1	605	1	600	1	613	1	601	1
Hardware	33	3,004	278	3,115	291	3,198	314	3,171	319	3,037	291
Harness and saddlery	63	1,273	435	1,277	438	1,286	442	1,232	441	1,199	435
Hats, caps and furnishings	34	214	775	196	942	197	904	196	880	199	775
Hollow ware	5	551	144	514	154	561	153	524	163	521	168
Ice (artificial)	56	425	.....	346	.....	370	.....	447	.....	543	.....
Inks	5	141	1	142	2	142	2	142	2	142	2
Iron (structural and architectural)	41	3,359	.....	3,290	.....	3,268	.....	3,331	.....	3,219	.....
Jewelry and watches	24	1,238	536	1,237	536	1,232	535	1,221	533	1,219	527
Leather and leather goods	38	1,730	33	1,730	33	1,770	30	1,758	30	1,777	31
Lighting apparatus	9	236	66	227	66	241	66	238	67	231	59
Lime, sand, cement and plaster	67	1,479	7	1,406	8	1,788	9	1,989	12	2,049	10
Liquors (distilled)	41	609	195	607	212	638	201	633	202	685	198
Liquors (malt)	111	3,423	11	3,422	11	3,648	11	3,747	11	3,854	11
Lithographing, eng. and electrotyping	45	1,245	63	1,238	57	1,197	58	1,129	60	1,227	61
Macaroni	3	36	28	36	28	36	28	36	28	36	28
Machinery	225	17,604	67	17,634	72	17,367	69	17,216	79	16,906	80
Malt	6	121	.....	121	.....	118	.....	103	.....	64	.....
Marble and granite	51	516	3	541	6	530	5	563	8	582	8
Matches	3	729	266	713	285	770	299	750	310	759	301

TABLE III*h*—MANUFACTURES—STATE.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
736	349	682	355	701	372	718	370	728	405	728	418	721	422	724	384
4,509	112	3,903	95	3,362	7	3,529	23	4,213	73	4,745	74	5,216	73	4,763	85
260	297	222	270	177	221	167	205	155	200	152	195	141	186	187	227
373	412	367	413	362	388	371	401	367	399	374	407	375	410	372	411
283	77	282	79	222	65	212	53	236	60	177	39	114	26	201	50
5	16	5	16	5	16	3	14	3	14	6	16	6	16	5	16
3,836	78	3,533	64	3,304	61	3,231	65	3,320	75	3,535	65	3,944	79	3,775	83
1,087	3	1,093	7	1,102	7	1,132	7	1,111	6	1,101	5	1,114	4	1,095	5
7,799	.....	7,255	.....	7,263	1	6,988	1	6,943	1	6,971	1	7,077	1	7,577	1
8,372	5,667	8,449	5,756	8,455	5,772	8,586	5,825	8,556	5,755	8,639	5,778	8,801	5,881	8,512	5,773
434	1,360	428	1,371	440	1,378	445	1,371	442	1,392	434	1,398	426	1,316	432	1,353
1,237	302	1,200	292	1,248	295	1,334	310	1,349	319	1,310	313	1,233	313	1,249	310
2,272	996	2,235	995	2,230	956	2,221	969	2,208	974	2,193	969	2,195	939	2,202	956
11,979	343	11,996	355	11,887	375	11,649	366	10,801	375	9,489	376	8,178	404	10,311	375
670	197	672	188	647	186	658	182	666	200	676	207	663	198	668	201
134	.....	132	.....	131	.....	130	.....	133	.....	130	.....	134	.....	132	.....
28	35	27	28	27	29	27	39	27	39	27	34	27	33	28	36
450	324	614	370	2,449	1,309	2,661	1,650	1,065	1,089	265	203	154	103	683	455
7,049	253	6,447	234	5,952	205	5,666	183	5,509	168	5,712	171	5,901	199	6,400	223
3,737	121	3,537	123	3,347	96	3,333	89	3,539	83	3,729	87	3,931	106	3,737	115
676	.....	675	.....	694	.....	697	.....	633	.....	611	.....	543	.....	676	.....
45	7	39	6	33	6	31	7	34	5	31	7	31	7	44	7
19	377	19	386	19	382	19	377	19	344	18	332	18	325	19	352
88	5	87	5	85	5	90	5	100	5	100	5	101	5	92	5
3,156	5,980	3,196	6,452	3,077	6,549	3,148	6,636	3,239	6,822	3,143	6,893	3,170	6,606	3,148	6,273
5,980	8,636	5,703	8,408	5,920	8,753	6,336	9,202	6,478	9,252	6,317	8,885	5,764	8,280	5,995	8,783
15	.....	10	.....	11	.....	8	.....	8	.....	8	.....	9	.....	11	.....
128	142	126	132	126	132	128	134	130	137	132	138	130	144	129	141
875	182	838	173	883	172	891	176	907	186	865	180	870	182	882	177
535	680	540	727	549	742	613	885	634	934	651	949	639	869	553	762
2,218	2	2,139	2	2,227	2	2,328	2	2,324	2	2,324	2	2,296	1	2,255	2
2,467	87	2,416	87	2,432	85	2,409	87	2,278	87	2,281	89	2,327	89	2,425	88
521	111	396	80	367	70	383	76	376	80	403	82	396	90	501	92
1,180	3,109	1,182	3,154	1,184	3,122	1,147	3,049	1,143	2,981	1,182	2,996	1,235	3,029	1,185	3,024
531	91	504	93	525	96	524	103	516	104	511	109	502	112	515	95
574	15	576	15	564	5	561	5	548	3	548	3	522	3	548	7
96	.....	90	.....	87	.....	91	.....	97	.....	97	.....	97	.....	96	.....
1,478	403	1,433	392	1,438	386	1,469	431	1,499	412	1,488	426	1,503	425	1,514	427
3,369	1,360	3,332	1,128	3,351	1,328	3,384	1,352	3,500	1,392	3,424	1,408	3,365	1,416	3,363	1,383
185	.....	186	.....	195	.....	192	.....	190	.....	191	.....	206	.....	199	.....
156	114	161	114	167	101	168	108	180	114	178	106	171	88	158	97
350	.....	359	.....	469	.....	531	.....	314	.....	331	.....	326	.....	363	.....
125	98	86	61	93	73	97	78	94	73	89	72	84	70	103	81
2,339	167	2,402	181	2,579	293	2,597	303	2,578	334	2,534	320	2,489	229	2,468	221
25,674	967	24,482	938	24,243	875	24,637	960	25,257	963	26,566	1,013	27,156	972	25,474	944
6,948	390	6,866	372	6,975	385	7,309	419	7,315	414	7,373	395	7,105	386	7,101	391
6	12	6	14	6	15	6	17	4	19	6	19	6	18	6	14
2,832	11	2,872	7	2,909	10	2,810	7	2,773	12	2,793	15	2,733	15	2,763	11
28	10	26	10	26	10	24	11	24	12	25	12	26	14	26	12
6,105	764	3,119	504	4,028	598	6,481	780	8,045	837	8,202	851	8,588	889	6,284	755
155	11	142	8	138	7	148	7	151	11	154	11	141	11	133	10
67	565	68	583	68	605	69	612	71	605	79	621	67	504	72	574
290	30	296	30	287	28	281	28	282	28	281	28	282	28	297	29
595	1	557	1	586	1	579	1	593	1	602	1	627	1	597	1
2,983	270	2,749	242	2,872	238	3,015	247	3,100	249	3,197	276	3,262	272	3,059	274
1,208	428	1,096	429	1,111	416	1,188	403	1,209	415	1,236	431	1,252	437	1,215	430
199	629	224	680	244	780	245	895	222	827	195	739	196	755	210	798
517	171	426	71	397	60	492	141	452	139	421	132	409	123	482	135
677	1	733	1	742	1	703	1	568	1	435	.....	342	.....	527	1
142	1	141	1	145	1	145	1	147	1	149	1	150	1	144	1
3,101	.....	3,051	.....	2,987	.....	2,960	.....	2,936	.....	2,770	.....	2,741	.....	3,086	.....
1,210	527	1,149	505	1,218	526	1,209	519	1,214	521	1,216	523	1,220	523	1,216	526
1,775	34	1,692	33	1,673	32	1,689	30	1,715	29	1,790	28	1,818	29	1,743	31
223	60	223	54	206	59	207	61	223	70	229	72	240	77	227	65
2,028	10	1,975	11	2,079	10	2,187	9	2,011	11	1,907	10	1,592	5	1,873	9
681	289	630	291	633	290	685	301	710	294	696	271	643	193	655	245
4,121	11	4,243	11	4,167	11	4,064	11	3,914	11	3,732	11	3,664	9	3,832	11
1,239	61	1,236	63	1,247	64	1,223	60	1,245	64	1,216	66	1,238	65	1,223	62
36	28	36	28	36	28	36	28	36	28	36	28	36	28	36	28
16,708	85	16,424	81	16,013	77	16,106	85	15,514	90	15,675	87	16,048	97	16,601	81
26	.....	21	.....	21	.....	35	.....	104	.....	104	.....	104	.....	79	.....
582	6	584	8	579	7	594	8	582	8	568	7	569	8	566	7
761	324	745	295	710	261	714	262	760	287	752	312	764	322	744	294

TABLE III*h*—MANUFACTURES—STATE—Concluded.

Industries.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Mattresses and pillows	18	176	142	178	145	186	157	202	166	209	175
Mouldings and frames	9	611	4	533	7	671	9	673	13	650	13
Oil cloth and window shade cloth	4	160	40	166	40	169	40	176	40	142	40
Oil and grease	26	2,597	59	2,571	55	2,513	51	2,319	49	2,366	45
Paints and varnishes	53	1,061	134	1,134	156	1,178	230	1,170	204	1,097	148
Paste	2	1	.....	1	.....	1	.....	1	.....	1	....
Patterns and models	21	153	12	157	12	167	12	168	12	169	9
Pianos and other musical instruments	18	825	17	818	17	812	16	815	16	834	18
Pickles, preserves and sauces	17	123	111	100	92	107	111	132	137	132	119
Plating	9	266	2	266	2	260	2	260	2	256	2
Plumbing, steam and gas ftg. supplies	27	1,376	10	1,414	9	1,469	10	1,493	10	1,494	8
Pottery and stoneware	99	7,152	3,118	7,467	3,225	7,562	3,277	7,597	3,334	7,580	3,362
Potters' supplies	6	106	46	114	47	113	46	117	44	110	41
Printing and binding	623	7,048	3,597	7,000	3,539	6,979	3,507	6,986	3,471	6,958	3,432
Printers' rollers	3	9	.....	9	.....	9	.....	9	.....	9	.....
Pumps and water wheels	28	1,740	12	1,677	12	1,663	12	1,655	12	1,639	12
Regalia	8	59	251	61	239	64	256	65	256	65	264
Roofing (steel, iron and tin)	31	314	4	315	4	320	4	366	4	389	2
Rubber goods	27	4,069	780	3,880	838	3,987	894	3,930	930	3,766	936
Rugs and carpet cleaning	7	72	35	62	27	85	40	114	57	130	60
Safes, vaults and locks	11	2,051	3	2,073	3	2,094	3	2,110	3	2,100	3
Salt	6	339	23	311	27	300	28	225	22	210	26
Sash, doors, lumber and interior finish	375	6,697	47	6,565	45	7,047	49	7,561	48	7,817	49
Slaughtering and meat packing	39	1,767	41	1,663	41	1,611	36	1,566	36	1,576	36
Soap, candles and tallow	44	1,353	629	1,336	667	1,371	673	1,362	668	1,299	653
Soda and mineral waters	80	270	2	270	2	276	5	299	4	334	4
Starch	2	24	10	24	10	24	10	24	10	24	10
Steel, iron and tin	89	31,064	260	34,166	249	36,598	236	37,636	197	37,880	213
Stencils, stamps and seals	17	79	2	79	2	78	2	78	2	78	2
Stone (cut, sawed and artificial)	56	1,338	1	1,360	1	1,955	1	2,917	1	3,333	1
Stoves, ranges and furnaces	89	5,190	16	5,786	20	6,135	23	6,300	21	6,469	19
Strawboards and paper	52	3,227	928	3,317	940	3,303	941	3,338	979	3,313	999
Sucker rods	2	24	.....	25	.....	24	.....	24	.....	24	.....
Tinware, sheet-iron and galvanized-iron ware	118	2,885	596	3,064	644	3,287	769	3,462	848	3,470	837
Tobacco (chewing and smoking)	18	511	545	479	528	667	621	637	644	630	713
Tools	92	4,779	56	4,694	56	4,583	59	4,710	63	4,658	60
Trunks and valises	15	228	28	212	25	217	27	218	26	219	28
Umbrellas and parasols	3	18	24	17	27	18	30	18	40	17	41
Whips	5	117	76	118	74	110	74	100	70	95	69
Wire rods, wire cloth and wire goods	37	1,499	141	1,582	140	1,582	143	1,628	150	1,615	149
Miscellaneous	310	8,418	2,182	8,396	2,226	8,487	2,304	8,600	2,405	8,609	2,442
Totals and averages	7761	256426	52251	263800	53110	270971	53577	276300	52081	276587	52081

TABLE III*h*—MANUFACTURES—STATE—Concluded.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
194	175	182	162	192	171	171	168	173	171	182	175	159	161	184	163
622	13	622	13	665	13	683	12	699	15	698	14	654	13	651	12
173	40	149	40	129	40	119	40	117	40	134	40	162	40	150	40
2,429	45	2,359	38	2,324	36	2,357	49	2,410	74	2,419	74	2,349	72	2,418	54
1,055	136	1,008	132	1,019	140	1,026	134	1,060	119	1,056	120	1,067	130	1,076	149
1	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	1	.....
166	9	159	9	164	8	169	10	179	10	175	11	191	11	168	10
862	20	848	20	859	28	872	28	893	29	906	29	920	28	855	22
141	121	153	109	250	152	481	408	506	441	412	355	251	222	232	197
259	2	259	2	284	2	287	2	297	3	281	2	282	2	271	2
1,478	8	1,509	7	1,485	7	1,482	7	1,485	8	1,546	10	1,569	10	1,484	8
7,631	3,388	7,215	3,159	7,783	3,408	7,818	3,400	7,679	3,340	7,681	3,323	7,513	3,284	7,557	3,302
113	40	94	40	112	39	116	41	114	42	114	42	110	40	111	42
6,944	3,382	6,926	3,359	6,946	3,358	6,980	3,411	7,018	3,440	7,106	3,556	7,155	3,617	7,004	3,473
7	.....	7	.....	7	.....	9	.....	9	.....	9	.....	7	.....	8	.....
1,616	12	1,665	13	1,413	13	1,701	13	1,691	13	1,689	13	1,673	13	1,651	13
63	251	59	232	55	213	55	232	60	252	56	261	51	207	59	243
379	2	375	2	398	2	406	2	409	3	398	3	377	3	370	3
4,014	904	3,829	865	3,626	811	3,542	811	3,662	813	3,783	861	3,920	819	3,834	855
112	56	108	57	105	52	98	48	84	38	84	38	42	17	91	43
2,102	3	2,068	3	2,058	3	2,037	3	2,009	3	1,985	3	1,988	3	2,056	3
202	28	199	31	215	29	282	26	306	22	358	24	356	22	275	26
8,074	39	8,155	33	8,134	31	8,130	33	8,119	32	7,806	32	7,182	32	7,609	39
1,603	36	1,604	36	1,591	36	1,602	36	1,635	36	1,727	41	1,752	41	1,642	38
1,358	636	1,337	661	1,312	640	1,330	682	1,371	675	1,358	660	1,353	636	1,345	656
353	4	365	4	360	4	336	4	278	3	261	3	257	3	305	4
24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10
36,578	244	31,229	217	32,852	219	34,628	202	35,238	209	35,962	190	38,338	213	35,182	220
78	2	79	2	79	2	79	2	79	2	80	2	79	2	79	2
3,435	1	3,380	1	3,518	1	3,502	1	3,329	1	2,862	1	2,077	1	2,750	1
6,145	19	6,118	18	6,522	18	6,754	18	6,941	16	7,004	17	6,710	15	6,339	18
3,248	990	3,308	989	3,236	943	3,337	916	3,322	920	3,295	929	3,245	921	3,291	950
25	.....	26	.....	27	.....	27	.....	16	.....	15	.....	15	.....	23	.....
3,527	802	3,469	778	3,380	702	3,450	829	3,419	788	3,326	863	3,144	818	3,324	773
653	744	685	773	684	722	756	795	615	682	669	713	714	763	641	687
4,588	58	4,492	58	4,401	57	4,428	58	4,584	57	4,901	59	5,001	59	4,652	58
208	25	209	25	215	26	221	24	215	26	211	27	207	25	215	26
17	37	19	30	20	35	20	37	19	31	19	28	19	25	18	32
95	64	98	68	87	65	98	67	100	69	98	68	98	67	102	69
1,596	143	1,569	140	1,551	141	1,545	142	1,553	146	1,590	146	1,602	145	1,577	144
8,372	2,458	8,329	2,366	8,557	2,209	8,699	2,307	8,667	2,481	8,666	2,476	8,508	2,445	8,526	2,360
273813	53151	259676	52380	263373	53822	270403	56051	270755	55901	271203	54937	271287	53396	268716	53562

TABLE III*i*—MANUFACTURES—BY CITIES.

Cities.	Number of establishments reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Akron	154	8,019	1,532	7,905	1,575	7,953	1,611	7,916	1,609	7,721	1,582
Alliance	32	1,337	70	1,146	69	1,024	68	1,211	68	1,380	67
Ashtabula	28	533	104	534	94	536	95	528	101	535	102
Bellaire	28	1,935	196	2,104	214	2,222	222	2,287	231	2,279	236
Bellefontaine	32	378	33	343	33	355	34	362	36	382	38
Bowling Green	14	132	37	131	38	129	38	119	39	105	38
Bucyrus	25	514	24	503	27	511	27	521	27	533	27
Cambridge	29	705	67	738	69	937	70	1,159	69	1,221	69
Canal Dover	20	716	20	850	26	958	30	969	23	896	22
Canton	117	5,529	778	5,724	795	5,842	807	5,847	801	5,831	803
Chillicothe	42	491	265	554	269	562	266	580	259	613	245
Circleville	28	318	98	319	98	328	104	325	98	357	108
Conneaut	19	98	15	94	21	122	22	142	23	164	24
Coshocton	34	853	336	857	357	871	366	875	370	872	353
Defiance	29	626	44	633	48	641	52	661	54	669	52
Delaware	28	354	143	352	149	355	149	370	147	361	136
East Liverpool	63	3,708	1,467	3,941	1,583	4,006	1,581	4,050	1,586	4,016	1,616
Elyria	43	904	135	904	138	930	128	956	111	970	126
Findlay	63	984	134	1,118	156	1,179	177	1,249	191	1,274	195
Fostoria	36	844	217	871	199	850	199	860	195	857	208
Fremont	48	916	428	919	414	997	418	1,015	422	1,006	422
Galion	21	256	28	277	30	287	34	297	33	296	34
Gallipolis	18	240	22	249	22	252	21	245	21	248	21
Glenville	1	114	.....	116	.....	119	.....	120	.....	118	.....
Greenville	21	161	19	199	19	196	19	199	17	171	17
Hamilton	97	5,485	802	5,937	828	5,958	919	6,102	935	5,975	958
Ironton	49	1,422	27	1,402	49	1,515	30	1,561	49	1,665	49
Kenton	32	548	89	532	82	514	86	559	103	595	103
Lancaster	36	1,161	423	1,190	422	1,214	421	1,240	425	1,235	426
Lima	72	1,819	1,546	1,921	1,536	1,828	1,510	1,787	637	1,834	642
Lorain	29	1,949	11	2,404	11	3,228	11	3,601	11	3,966	12
Mansfield	79	2,081	807	2,265	829	2,387	839	2,436	832	2,494	833
Marietta	63	1,050	72	1,050	69	1,093	69	1,126	69	1,159	71
Marion	40	1,560	148	1,589	150	1,668	165	1,790	180	1,765	184
Martin's Ferry	21	1,823	65	1,909	72	1,827	72	1,404	41	1,755	48
Massillon	44	1,850	74	1,824	72	1,855	66	1,886	41	1,837	36
Middletown	38	1,409	431	1,437	403	1,614	465	1,557	472	1,519	452
Mt. Vernon	24	963	2	952	2	877	2	828	3	800	3
Nelsonville	9	270	3	265	3	280	3	282	3	288	3
Newark	54	1,833	222	1,896	225	1,982	228	1,967	232	2,135	229
New Philadelphia	28	127	50	168	68	366	71	530	67	572	58
Niles	23	1,345	155	1,488	147	1,515	133	1,510	133	1,543	130
Norwalk	36	617	124	632	102	651	101	661	107	681	130
Norwood	8	762	1	762	1	762	1	762	1	763	1
Painesville	22	187	11	207	11	210	11	209	12	211	13
Piqua	61	1,442	350	1,578	357	1,656	361	1,709	359	1,651	368
Portsmouth	63	2,613	1,267	2,850	1,271	2,940	1,247	2,943	1,219	2,962	1,207
St. Marys	21	519	40	526	75	525	76	524	82	526	84
Salem	28	1,312	98	1,341	98	1,342	100	1,353	104	1,385	105
Sandusky	96	1,615	483	1,772	473	1,884	482	1,803	507	1,743	504
Sidney	36	694	74	697	72	691	75	670	69	665	68
Springfield	144	5,648	463	5,792	463	5,776	471	5,734	433	5,542	392
Steubenville	32	3,710	288	4,099	296	4,251	290	4,577	294	4,565	292
Tiffin	69	1,030	550	1,054	551	1,097	561	1,102	559	1,135	563
Troy	22	485	104	525	117	573	118	573	110	544	106
Urbana	37	625	117	614	116	584	114	483	108	462	106
Van Wert	23	118	97	119	95	114	94	142	92	145	93
Warren	53	1,022	473	1,020	455	1,056	451	1,125	445	1,154	439
Washington C. H	20	315	81	303	80	328	79	343	80	340	80
Wellston	13	372	8	348	8	487	8	396	7	377	6
Wellsville	18	686	92	769	94	901	94	932	94	915	94
Wooster	26	131	70	128	69	130	67	164	67	172	70
Xenia	24	952	194	1,069	215	971	194	1,103	196	1,064	202
Youngstown	76	11,184	141	11,289	146	11,335	148	11,513	150	11,220	160
Zanesville	86	3,256	1,009	3,283	1,027	3,353	1,029	3,358	1,033	3,383	1 016
Totals and averages	2725	96655	17274	100387	17603	103500	17800	105208	16892	105617	16877

TABLE III*i*—MANUFACTURES—BY CITIES.

June.		July.		August.		September.		October.		November.		December.		Monthly average.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
7,754	1,541	7,619	1,502	7,529	1,501	7,626	1,508	7,731	1,590	7,847	1,647	7,966	1,586	7,799	1,565
1,387	68	1,329	66	1,353	64	1,365	74	1,434	72	1,527	68	1,617	69	1,343	69
524	99	524	101	522	107	535	106	533	99	530	96	535	143	531	104
2,266	248	1,149	100	2,038	136	2,243	212	2,339	228	2,233	229	2,224	235	2,110	207
381	41	368	33	404	34	416	32	415	38	423	37	426	39	388	36
89	38	90	38	109	38	114	39	119	42	128	44	125	44	116	40
532	27	529	27	514	26	512	27	510	28	494	28	506	28	515	27
1,158	69	752	66	1,113	68	1,129	67	1,155	68	1,244	106	1,208	106	1,043	75
850	20	845	20	812	20	1,078	21	1,081	28	1,101	32	1,070	29	936	24
5,785	791	5,554	790	5,683	800	5,816	844	5,304	844	5,324	816	5,209	782	5,618	804
766	419	759	445	852	460	902	473	712	325	608	274	592	279	666	332
389	111	560	141	1,671	549	1,633	535	586	271	384	130	338	104	601	196
167	24	185	24	184	25	202	70	179	99	139	37	104	17	148	34
849	327	743	326	777	348	1,050	394	1,093	414	1,070	440	1,075	424	915	371
668	56	677	56	746	39	697	38	707	58	695	51	688	48	676	50
372	138	366	138	360	135	369	139	354	136	342	140	329	133	357	140
4,150	1,645	3,740	1,453	4,155	1,643	4,114	1,629	3,942	1,545	3,887	1,507	3,732	1,494	3,953	1,563
927	116	918	105	928	131	944	129	987	142	1,070	140	1,114	141	963	129
1,321	163	1,151	148	1,108	141	1,042	110	1,037	112	1,027	114	1,087	133	1,131	148
828	192	659	167	665	151	734	152	783	191	833	199	878	209	805	190
965	425	937	424	930	428	1,025	436	1,076	437	1,042	445	977	449	984	429
300	32	268	48	269	45	261	39	170	32	219	27	233	42	261	35
254	24	229	21	241	21	254	32	274	34	273	34	277	32	253	25
116	.....	120	.....	120	.....	123	.....	125	.....	126	.....	125	.....	120	.....
163	9	183	5	160	5	157	8	175	8	189	8	197	8	179	12
5,900	942	5,886	946	5,614	888	5,576	1,010	5,535	949	5,622	1,002	5,680	964	5,772	929
1,602	49	1,495	46	1,667	49	1,630	53	1,615	63	1,415	61	1,411	55	1,533	48
617	109	631	113	608	101	587	96	590	98	569	101	523	80	573	97
1,232	427	1,012	432	1,006	430	1,009	431	1,310	434	1,295	434	1,303	435	1,184	428
1,884	1,515	1,949	1,590	1,887	1,633	1,837	1,661	1,809	1,662	1,808	1,654	1,810	1,523	1,848	1,426
4,396	12	4,698	14	4,566	14	4,778	20	4,641	19	3,950	18	3,496	17	3,806	14
2,428	829	2,200	865	2,237	853	2,151	866	2,068	914	2,148	935	2,178	843	2,256	854
1,165	73	1,018	73	1,068	70	1,130	73	1,110	73	1,137	73	1,117	73	1,102	72
1,731	188	1,723	185	1,763	189	1,715	187	1,657	183	1,607	196	1,612	209	1,682	180
1,800	65	1,422	61	1,022	56	1,057	39	1,012	48	881	41	1,811	69	1,477	56
1,750	41	1,395	52	1,478	52	1,530	58	1,692	63	1,795	67	2,105	82	1,750	59
1,545	466	1,613	508	1,564	478	1,682	552	1,533	460	1,629	484	1,688	531	1,566	475
795	3	785	3	819	3	829	3	785	3	764	3	762	3	830	3
293	3	297	5	294	5	296	5	295	5	287	5	260	5	284	4
2,096	237	2,025	236	2,297	233	2,876	237	3,247	240	3,528	247	3,531	244	2,451	234
583	55	571	57	670	58	671	73	673	76	638	73	610	81	515	60
1,462	132	1,340	88	1,391	124	1,362	127	1,327	131	1,323	127	1,399	127	1,417	130
734	128	716	93	694	102	684	140	670	162	673	165	691	143	675	125
763	1	763	1	763	2	763	2	763	2	762	2	762	2	762	1
205	13	187	13	181	13	156	12	153	12	151	11	151	11	184	12
1,380	365	1,625	367	1,678	367	1,687	373	1,578	376	1,759	373	1,713	375	1,621	366
3,008	1,224	2,963	1,217	2,957	1,179	2,825	1,147	2,888	1,227	2,796	1,313	2,850	1,315	2,883	1,236
517	86	487	90	507	89	436	89	433	88	429	87	434	83	489	81
1,404	116	1,368	126	1,380	124	1,340	121	1,319	111	1,312	106	1,327	102	1,349	109
1,649	506	1,629	488	1,628	480	1,683	472	1,925	466	1,829	468	1,730	460	1,741	482
649	58	654	67	625	61	657	58	662	63	668	63	692	66	669	66
5,571	372	5,348	378	5,127	335	4,978	378	5,742	432	5,877	459	6,058	482	5,599	422
4,720	280	3,853	178	3,877	174	4,619	308	4,225	315	4,788	305	4,929	292	4,351	276
1,125	561	1,009	523	1,051	543	1,083	524	1,078	541	1,098	547	1,103	549	1,080	548
506	102	488	102	485	85	490	91	495	86	529	91	534	95	519	101
570	101	604	101	719	130	751	168	622	143	583	121	523	117	595	120
140	94	140	97	146	100	145	100	136	109	128	113	133	113	134	100
1,145	446	1,050	316	1,083	425	1,080	434	1,088	439	1,059	432	976	430	1,071	432
349	81	346	77	327	81	313	60	298	60	283	79	264	80	318	77
802	6	678	6	476	6	488	8	474	8	411	8	368	8	473	7
861	94	851	92	859	94	807	94	792	94	837	94	917	94	844	94
173	69	177	67	171	68	195	75	300	74	222	73	133	72	175	70
936	211	800	180	763	170	744	175	724	184	754	186	768	210	887	193
10,695	154	9,377	152	9,687	154	9,802	175	10,917	183	11,329	191	11,724	190	10,839	162
3,370	1,005	2,790	998	2,884	1,025	3,237	1,027	3,226	1,041	3,247	1,047	3,211	1,062	3,216	1,027
105485	17842	98217	17247	101262	17958	104020	18636	104228	18478	104675	18504	105915	18266	102931	17781

TABLE IV.

GIVING BY OCCUPATIONS, NUMBER EMPLOYED, AVERAGE NUMBER OF DAYS WORKED, AVERAGE DAILY WAGES, AVERAGE YEARLY EARNINGS, AVERAGE HOURS OF DAILY LABOR FOR THE YEAR 1904.

TABLE IVa—MANUFACTURES—CLEVELAND.

ADVERTISING NOVELTIES AND SIGNS—2 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Designer	1	300	$4 00	$1,200 00	9
Electrician	4	300	2 50	750 00	9
Laborers	2	300	1 35	405 00	9
Sign hanger	1	300	2 50	750 00	9
Sign painters	2	300	2 50	750 00	9
Tinners	2	300	2 00	600 00	9

AWNINGS, TENTS AND FLAGS—4 ESTABLISHMENTS.

Blacksmith	1	302	2 25	679 00	10
Finisher	1	302	2 25	679 00	10
Frame maker	1	306	2 00	612 00	10
Hangers	43	301	2 00	602 00	10
Riggers	4	300	2 50	750 00	10
Sail makers	12	300	2 50	750 00	10

BAGS (PAPER AND BURLAP)—4 ESTABLISHMENTS

Back tenders	7	325	1 20	390 00	12
Balers	14	297	1 71	507 87	10
Beatermen	5	318	1 91	607 38	12
Beatermens' helpers	12	322	1 47	473 34	12
Bleachers	6	325	1 30	422 50	12
Carpenter	1	308	2 25	693 00	10
Coaters	3	308	1 25	385 00	10
Compositors	5	297	2 05	608 85	10
Cutters	5	322	1 46	470 12	11.6
Cutters (boys)	7	325	85	276 25	12
Engineers	7	311	2 44	758 84	11.4
Engravers	8	294	2 10	617 40	9
Firemen	5	313	1 62	507 02	11.2
Foremen	7	294	3 25	955 50	10
Laborers	30	303	1 56	472 68	10
Lay boys	2	308	1 05	323 40	12
Machine operators	12	295	1 75	516 25	10
Machine tenders	9	321	2 15	690 15	12
Machinist	1	308	1 75	539 00	10
Machinist's helper	1	308	1 33	409 64	10
Millwrights	2	325	1 80	585 00	12
Packers	33	294	1 70	499 80	10
Pressmen	21	295	2 31	681 45	10
Pressmen's helpers	24	296	92	272 32	10
Stock hand	1	308	1 40	431 20	10
Teamsters	6	307	1 56	478 92	10.7
Watchmen	4	298	1 56	464 88	10

BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—10 ESTABLISHMENTS.

Annealers	3	293	2 00	586 00	10
Apprentices	45	305	81	247 05	10
Assemblers	37	304	2 42	735 68	10
Bench hands	52	308	2 03	625 24	9
Blacksmiths	16	307	2 65	813 55	9.3
Blacksmiths' helpers	28	306	1 72	526 32	9.4
Buffers	4	293	2 00	586 00	10
Carpenters	60	308	2 80	862 40	9
Coremakers	8	308	2 36	726 88	9
Draughtsmen	9	307	2 94	902 58	8.6
Engineers	7	304	2 87	872 48	10.9
Firemen	2	305	1 80	549 00	10
Floor hands	45	308	1 80	554 40	9
Foremen	6	306	4 04	1,236 24	9.2
Furnace tenders	2	308	1 80	554 40	9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Grinders	36	303	$1 78	$539 34	10
Helpers	45	305	1 81	552 05	9.8
Janitor	1	306	1 50	459 00	9
Laborers	93	304	1 54	468 16	9.6
Machine hands	164	301	1 91	574 91	9.6
Machinists	225	311	2 53	786 83	9.7
Machinists' helpers	201	308	2 19	674 52	9
Mechanical engineer	1	308	5 50	1,694 00	9
Mechanics	16	304	1 88	571 52	10
Moulders	23	308	2 69	828 52	9
Painters	38	307	2 55	782 85	9.3
Patternmakers	10	308	2 87	883 96	9
Platers	5	293	1 65	483 45	10
Polishers	8	293	1 90	556 70	10
Rubbers	50	308	1 90	585 20	10
Stock hands	6	307	1 88	577 16	9.3
Stuffers	5	293	1 50	439 50	10
Tinners	17	299	2 62	783 38	9
Tinners' helpers	24	308	2 10	646 80	9
Tool makers	22	306	3 17	970 02	9.6
Trimmers	28	301	2 45	737 45	9.3
Trimmers' helpers	15	308	1 70	523 60	9
Watchmen	4	305	1 61	491 05	12
Welders (electric)	17	293	1 70	498 10	10
Woodworkers	2	308	2 70	831 60	9
BILLIARD TABLES, BAR AND STORE FIXTURES—5 ESTABLISHMENTS.					
Bench hands	26	304	2 25	684 00	10
Cabinet makers	16	288	2 48	714 24	9.3
Engineers	2	288	2 50	720 00	9.5
Finishers	18	299	2 03	606 97	9.8
Glassworkers	5	300	2 50	750 00	10
Laborers	20	291	1 62	471 42	9.9
Machine hands	18	301	2 56	770 56	9.8
Marble polishers	1	200	2 50	500 00	10
Metal workers	3	300	2 50	750 00	10
Teamsters	2	291	2 25	654 75	9.3
Woodworkers	15	300	2 50	750 00	10
BOILERS, ENGINES AND TANKS—10 ESTABLISHMENTS.					
Apprentices	10	294	1 06	311 64	9.9
Blacksmiths	2	285	2 90	826 50	10
Blacksmiths' helpers	2	285	1 80	513 00	10
Boilermakers	62	290	2 81	814 90	9.1
Boilermakers' helpers	25	294	1 90	558 60	9.2
Engineers	3	278	2 30	639 40	9
Foremen	1	250	4 00	1,000 00	9
Helpers	11	250	1 91	477 50	9
Laborers	57	291	1 54	448 14	9.1
Machinists	31	296	2 24	663 04	9.4
Rivet heaters	5	284	1 23	349 32	9.8
Teamster	1	280	1 25	350 00	9
BOOTS AND SHOES—3 ESTABLISHMENTS					
Bottomers	14	294	2 06	605 64	10
Cutters	86	299	1 35	403 65	10
Engineer	1	294	2 00	588 00	10
Finishers	97	299	1 47	439 53	10
Lasters	14	294	1 51	443 94	10
Shippers	15	300	1 63	489 00	10
Shoemaker	1	150	2 00	300 00	10
Stock hands	25	300	1 42	426 00	10
Trimmers	7	294	1 22	358 68	10
Turners	59	300	1 64	492 00	10
Welt hands	12	300	1 63	489 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

BOXES (PAPER)—6 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Boxmakers	5	300	$1 75	$525 00	9
Cutters	16	254	1 99	505 46	10
Cutters' assistants	10	307	1 25	383 75	10
Drivers	2	306	1 50	459 00	9.5
Ender	1	306	1 50	459 00	9.5
Engravers	3	300	2 41	723 00	8.7
Feeders	18	300	1 63	489 00	9
Foremaker	2	303	2 40	727 20	9.8
Foremen	3	196	2 75	532 00	9.8
Helpers	10	307	75	230 25	10
Machinist	1	300	3 75	1,125 00	9
Porters	2	141	1 75	246 75	10
Pressmen	11	304	1 73	525 92	9.3
Scorers	3	302	2 50	755 00	9.2
Shippers	2	300	1 88	564 00	9
Watchman	1	300	2 75	825 00	12

BOXES (WOODEN)—14 ESTABLISHMENTS

Boxmakers	50	297	1 56	463 32	9.9
Carpenters	2	300	1 75	525 00	10
Cutter	1	306	2 25	688 50	9
Engineers	8	297	2 47	733 59	9.9
Filers	3	304	2 50	760 00	10
Firemen	5	292	1 55	452 60	10
Foremen	1	267	3 00	801 00	10
Hostler	1	267	2 00	534 00	10
Laborers	58	295	1 57	463 15	9.8
Laborers (boys)	54	300	89	267 00	9.9
Machine hands	25	296	2 24	663 04	9.7
Mill hands	8	281	1 78	500 18	10
Millwright	1	300	2 75	825 00	10
Nailers	59	297	1 93	573 21	8.4
Nailers' helpers	13	282	79	222 78	10
Planers	4	300	1 85	555 00	10
Sawyers	76	298	2 20	655 60	9.8
Sawyers' helpers	10	306	70	214 20	10
Teamsters	24	291	1 87	544 17	9.9
Turner	1	289	2 40	693 60	10
Watchmen	5	296	1 65	488 40	10.4
Yard hands	30	296	1 52	449 92	10

BREAD AND OTHER BAKERY PRODUCTS—19 ESTABLISHMENTS.

Apprentices	5	300	98	294 00	9
Bakers	198	289	2 33	673 37	8.8
Bench hands	13	306	2 00	612 00	9
Carpenters	2	295	2 00	590 00	9
Clerks	24	305	2 25	686 25	8.5
Coopers	4	283	1 87	529 21	9
Drivers	62	259	2 61	675 99	9.3
Engineers	8	299	2 38	711 62	10.1
Firemen	2	306	1 80	550 80	12
Foremen	2	300	2 00	600 00	10
Helpers	11	305	1 52	463 60	9.5
Hostlers	11	306	1 64	501 84	10
Laborers	62	301	1 26	379 26	10
Machine hands	2	300	2 33	699 00	10
Machinists	3	297	2 83	840 51	9.7
Mixers	7	293	2 50	732 50	9.6
Oven tenders	4	300	2 33	699 00	10
Porters	1	300	1 50	450 00	9
Shipping clerks	13	299	2 23	666 77	9.8
Truckmen	8	306	2 10	634 20	10
Watchman	1	300	1 50	450 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

BRICK AND TILE—14 ESTABLISHMENTS

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blacksmith	1	207	$2 00	$414 00	10
Brickmakers	110	197	2 37	466 89	9.3
Burners	32	239	2 52	602 28	11.3
Car loaders	2	300	2 00	600 00	10
Carpenter	1	207	2 00	414 00	10
Car pullers	3	204	2 70	550 80	9.7
Cranesmen	2	254	2 58	655 32	10
Crushers	3	205	2 13	436 65	9.7
Drum man	1	207	1 80	372 60	10
Dumpers	5	201	2 05	412 05	9.2
Edgers	6	215	1 75	376 25	8.5
Engineers	23	229	2 69	616 01	11
Firemen	13	244	1 94	473 36	10
Foremen	2	224	2 50	560 00	11.5
Helpers	7	207	1 61	333 27	10
Hostlers	2	191	1 37	261 67	9
Hoisting-machine hand	1	300	2 25	675 00	10
Kiln men	8	175	2 35	411 25	10.5
Laborers	94	247	1 69	417 43	9.7
Laborer (boy)	1	207	1 25	258 75	10
Loaders	34	249	2 13	530 37	9.8
Machine hands	10	268	2 09	560 12	9.9
Machine hands' helper	1	300	1 75	525 00	10
Millwright	1	236	2 93	691 48	10
Miners	25	231	1 99	459 69	9.2
Moulders	25	191	2 19	418 29	8.2
Pallet boys	5	201	98	196 98	9.2
Pug mill hands	4	201	1 68	337 68	9.3
Pushers	4	207	2 25	465 75	8
Sanders	3	197	2 33	459 01	8.7
Sanders (boys)	2	207	1 10	227 70	10
Setters	27	238	2 56	609 28	9.3
Shovelers	2	300	2 00	600 00	10
Steam-shovel hands	2	240	2 25	540 00	12
Strikers off	4	201	2 50	502 50	9.5
Teamsters	63	214	1 94	415 16	10.8
Temperers	2	250	1 88	470 00	9.5
Tossers	6	236	2 42	571 12	8.7
Trackman	1	207	1 75	362 25	10
Transferers	2	300	1 87	561 00	8.6
Truckers	8	195	2 18	425 10	8.5
Wheelers	13	187	2 42	452 54	8.2

BROOMS AND BRUSHES—5 ESTABLISHMENTS.

Assemblers	2	300	2 75	825 00	9
Assorters	4	300	1 62	486 00	9
Broom-makers	4	300	2 50	750 00	9
Brushmakers	21	300	1 62	486 00	9.8
Buncher	1	300	1 62	486 00	9
Engineer	1	300	2 50	750 00	10
Laborers	22	300	1 48	444 00	10
Machine hands	14	300	2 00	600 00	10
Sewers	4	300	1 75	525 00	9

BUTTONS (PEARL)—2 ESTABLISHMENTS

Cutters	8	250	1 85	462 50	8
Engraver	1	290	58	168 20	9.5
Grinders	8	255	72	183 60	8.2
Turners	10	258	1 20	189 60	8.3

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
CARRIAGES AND WAGONS—27 ESTABLISHMENTS.					
Apprentices	2	300	$1 59	$477 00	10
Blacksmiths	72	294	2 57	755 58	9.4
Blacksmiths' helpers	59	294	1 74	511 56	9.5
Engineer	1	306	2 50	765 00	9
Laborer	1	306	1 50	459 00	9
Painters	94	295	2 37	699 15	9.4
Painters' helpers	2	305	1 50	457 50	9
Porters	2	300	1 75	525 00	10
Teamsters	2	250	1 63	407 50	9.5
Trimmers	23	294	2 63	773 22	9.3
Watchman	1	306	1 50	459 00	12
Woodworkers	74	293	2 58	755 94	9.4
CARRIAGE AND WAGON MATERIALS—2 ESTABLISHMENTS					
Finishers	7	245	1 50	367 50	10
Fitters	14	245	1 90	465 50	10
Forgers	15	245	1 92	470 40	10
Grinders	5	245	1 75	428 75	10
Laborers	4	245	1 50	367 50	10
Trimmers	20	150	2 75	412 50	10
CHEWING GUM—2 ESTABLISHMENTS.					
Boxmakers	2	304	2 75	836 00	9.5
Gum makers	3	304	3 12	948 48	9.5
Laborers	7	304	2 45	744 80	9.5
CIGARS—39 ESTABLISHMENTS					
Apprentices	1	297	65	193 00	8
Bunchmakers	12	258	1 71	441 18	8
Cigarmakers	244	293	2 20	644 60	8.3
Foremen	10	290	3 00	870 00	9.1
Helpers	5	290	1 75	507 50	9.1
Packers	11	289	2 48	716 72	8.5
Porters	2	299	1 46	436 54	8
Stogie makers	70	255	2 00	510 00	8
CLOTHING—153 ESTABLISHMENTS					
Basters	2	300	2 25	675 00	9
Bushelmen	52	283	2 37	670 71	9.6
Buttonhole makers	2	303	3 50	1,060 50	9.5
Coatmakers	345	251	2 74	687 74	9.7
Cutters	330	301	2 77	833 77	9.1
Cutters' assistants	8	273	1 38	376 74	9
Designers	4	305	4 42	1,348 10	9.3
Engineer	1	305	2 50	762 50	9
Errand boys	4	301	75	225 75	9.8
Examiners	5	307	3 69	1,132 83	9
Fitters	6	300	2 50	750 00	8.5
Fireman	1	305	2 00	610 00	9
Foremen	5	305	4 80	1,464 00	9
Helpers	10	261	1 30	339 30	9.4
Machine operators	532	305	2 83	863 15	9.1
Machinist	1	305	3 00	915 00	9
Nailers	3	301	1 67	502 67	8
Porters	5	304	1 55	471 20	9.4
Pressers	207	300	2 22	666 00	9
Shippers	2	300	1 25	375 00	9
Skirtmakers	4	253	4 50	1,138 50	9
Stock hands	22	301	1 68	505 68	9.1
Tailors	821	297	3 12	926 64	9.1
Trimmers	20	298	2 24	667 52	9.1
Trousermakers	107	274	2 47	676 78	9.6
Vestmakers	78	277	2 32	642 64	9.6

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

COFFEE, BAKING POWDER AND SPICES—2 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	3	308	$1 52	$468 16	9
Laborers	8	307	1 20	368 40	8.3
Mill hands	2	308	2 72	837 76	9
Packers	2	308	1 50	462 00	9
Shipping clerks	2	308	2 00	616 00	9
Washer	1	308	1 67	514 36	9
COFFINS AND BURIAL CASES—2 ESTABLISHMENTS.					
Blacksmith	1	365	2 25	821 25	10
Casket makers	30	285	2 20	627 00	10
Casters	5	285	2 00	570 00	10
Cloth-coverer	1	365	2 50	912 50	10
Drivers	2	365	2 00	730 00	10
Engineer	1	285	2 50	712 50	10
Firemen	2	285	1 87	522 95	10
Laborers	24	285	1 25	356 25	10
Machinists	2	285	2 75	783 75	10
Packers	5	285	2 00	570 00	10
Painters	8	285	1 90	541 50	10
Platers	2	285	2 50	712 50	10
Polishers	14	285	2 00	570 00	10
Tinner	1	285	2 50	712 50	10
Trimmers	9	285	1 75	498 75	10
Undertakers	2	365	3 50	1,277 50	10
Watchmen	2	285	1 87	532 95	10
Woodworkers	2	365	2 50	912 50	10
CONFECTIONERY—9 ESTABLISHMENTS.					
Bakers	6	308	1 94	597 52	9.9
Candymakers	15	302	2 41	727 82	9.9
Candymakers (boys)	3	291	1 25	363 75	9.7
Chocolate maker	1	275	3 00	825 00	9.5
Coolers	2	286	67	191 62	10.
Cream makers	4	306	2 13	651 68	10
Drivers	9	357	1 97	703 29	11.6
Engineers	3	305	3 47	1,058 35	11.5
Foremen	3	330	5 00	1,650 00	10
Ice cream makers	3	366	2 50	915 00	10
Laborers	41	313	1 65	516 45	10
Machine dippers	2	286	1 50	429 00	10
Mixers	2	286	1 75	500 50	10
Pressman	1	286	1 75	500 50	10
Roaster	1	286	1 75	500 50	10
Shakers	2	286	75	214 50	10
Shippers	7	301	2 32	698 32	9.9
Shippers' assistants	2	330	1 50	495 00	10
Spinners	2	275	2 50	687 50	95
Stockkeeper	1	300	2 50	750 00	10
Watchman	1	300	1 75	525 00	10
Weigher	1	286	1 25	357 50	10
COOPERAGE—6 ESTABLISHMENTS.					
Blacksmith	1	284	2 00	568 00	10
Coopers	75	299	1 93	577 07	10
Engineer	1	284	2 75	781 00	10
Fireman	1	284	1 50	426 00	10
Foremen	3	289	3 00	867 00	10
Laborers	54	296	1 54	455 84	9.8
Laborers (boys)	30	286	85	243 10	9.8
Machine hands	10	296	1 78	526 88	10
Mill hands	3	284	1 75	497 00	10
Nailers	3	284	1 75	497 00	10
Piece workers	85	296	1 60	473 60	10
Saw filer	1	284	3 00	852 00	10
Sawyers	10	284	2 00	564 00	10
Shipping clerks	15	284	2 00	564 00	10
Teamsters	10	291	1 81	526 71	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

COPPER AND BRASS GOODS—17 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentices	19	305	$0 77	$234 85	9.9
Assemblers	8	300	1 75	525 00	9
Bench hands	18	300	2 25	675 00	9
Buffers	25	303	2 41	730 23	9
Cabinet makers	3	300	2 25	675 00	9
Carpenters	20	220	2 25	495 00	9
Chandelier makers	11	309	2 21	682 89	9
Coremakers	45	292	1 76	513 92	9.2
Electro plater	1	300	1 90	570 00	9.5
Engineers	2	303	2 25	681 75	9.5
Filers	3	309	87	268 83	9
Finishers	223	287	2 42	694 54	9.1
Fitters	20	260	2 03	527 80	9
Furnace hands	4	304	2 30	699 20	9.5
Helpers	4	300	1 81	543 00	9
Laborers	46	280	1 54	431 20	9.1
Laborers (boys)	11	309	79	244 11	9
Lacquerers	2	309	2 29	707 61	9
Machine hands	34	301	1 65	496 65	9.2
Machinists	5	300	2 75	825 00	9
Moulders	103	293	2 40	703 20	9.1
Packers	3	300	1 75	525 00	9
Painters	4	300	2 25	675 00	9
Pattern makers	2	290	2 75	797 50	9
Polishers	9	300	2 28	684 00	9
Sheet metal workers	4	300	2 25	675 00	9
Shippers	5	307	1 59	488 13	9.2
Spinners	2	309	3 25	1,004 25	9
Stock hands	3	300	1 75	525 00	9
Tackmakers	5	300	3 00	900 00	9
Teamster	1	306	1 50	459 00	10
Tinners	8	242	2 66	643 72	9
Tool makers	7	297	2 93	870 21	9
Watchman	1	305	1 50	457 50	9
Wrappers	2	309	1 67	516 03	9

COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—9 ESTABLISHMENTS.

Apprentices	5	300	25	75 00	9
Carders	22	303	1 39	421 17	9.7
Clerks	3	308	1 89	582 12	9.5
Combers	5	308	1 26	388 08	9.5
Doublers	2	308	87	267 96	9.5
Drawer	1	308	2 15	662 20	9.5
Dressers	5	308	2 12	652 96	9.5
Dyer	1	302	3 60	1,087 20	11
Engineers	4	298	2 94	876 12	10.4
Finishers	4	295	1 70	501 50	10
Firemen	5	304	1 91	580 64	9.8
Foremen	15	301	3 07	924 07	10.2
Knitters	14	283	1 21	342 43	9.4
Laborers	194	299	1 47	439 53	10.5
Loom fixers	18	308	2 25	693 00	9.5
Machine hands	36	299	1 73	517 27	9.9
Machinists	10	308	2 52	776 16	9.5
Shipping clerks	7	304	1 87	568 48	9.3
Spinners	18	306	1 12	342 72	9.6
Stockkeepers	5	300	2 50	750 00	9
Teamster	1	275	1 50	412 50	10
Twisters	5	308	1 08	332 64	9.5
Weavers	29	302	1 40	422 80	9.8
Winders	2	308	1 08	332 64	9.5

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

DAIRY PRODUCTS—5 ESTABLISHMENTS

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bakery men	13	365	$2 50	$912 50	8
Buttermakers	4	364	2 25	819 00	9.7
Cheesemakers	9	365	1 61	587 65	9.8
Churners	2	300	2 50	750 00	9
Creamery hands	3	365	2 00	730 00	10
Drivers	50	364	2 23	811 72	7.8
Engineer	1	300	3 50	1,050 00	9
Fireman	1	300	2 50	750 00	10
Foreman	1	300	3 00	900 00	9
Hostlers	4	365	2 00	730 00	10
Ice cream makers	3	365	2 67	974 55	9.7
Ice cream makers' helpers	8	365	60	219 00	10
Laborers	74	363	1 65	598 95	9.9
Pasteurizer	1	365	1 85	675 25	8

DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—11 ESTABLISHMENTS.

Assemblers	2	295	2 00	590 00	9
Blacksmiths	4	365	2 50	912 50	10
Blacksmiths' helpers	4	365	1 65	602 25	10
Boilermakers	2	365	2 38	868 70	10
Boilermakers' helper	1	365	1 75	638 75	10
Carpenters	27	365	2 45	894 25	10
Carpenters' helper	1	365	1 75	638 75	10
Chemist	1	306	3 00	918 00	8
Chemist's assistant	1	306	1 25	382 50	8
Clerks	11	300	1 77	531 00	8.9
Engineer	1	307	2 60	798 20	10
Fireman	1	306	2 00	612 00	10
Foremen	2	305	2 68	817 40	10
Instrument makers	12	299	2 20	657 80	9.7
Laborers	473	350	1 61	563 50	9.9
Machinists	21	306	1 95	596 70	9.3
Machinists' helpers	9	310	99	306 90	9.2
Masons	7	365	3 89	1,419 85	10
Masons' helpers	8	365	1 50	547 50	10
Mixer	1	310	2 50	775 00	8
Painter	1	365	1 75	638 75	10
Pipe fitters	4	365	2 50	912 50	10
Pipe fitters' helpers	4	365	1 65	602 25	10
Plumbers	6	365	2 68	978 20	10
Plumbers' helpers	8	365	1 00	365 00	10
Polishers	8	298	1 75	521 50	9.5
Shipper	1	295	1 50	442 50	9
Steel turners	5	302	1 75	528 50	10
Stillmen	4	304	2 16	656 64	12
Toolmakers	4	298	2 50	745 00	9.5
Woodturners	2	295	2 00	590 00	9

ELECTRICAL GOODS AND SUPPLIES—21 ESTABLISHMENTS.

Apprentice	1	250	1 00	250 00	9
Armature winders	12	295	2 24	660 80	9.7
Assemblers	59	297	1 70	504 90	9.6
Blacksmith	1	303	2 00	606 00	9
Blacksmith's helper	1	303	1 35	409 05	9
Buffers	16	285	2 25	641 25	9
Carbon makers	24	301	2 08	626 08	10
Carpenters	12	298	2 88	858 24	10
Commutator builders	9	290	2 19	635 10	9.2
Coilmakers	20	299	1 59	475 41	10
Coremaker	1	285	1 75	498 75	9
Dipper	1	285	2 00	570 00	9
Draughtsmen	2	274	5 42	1,485 08	8
Electrical workers	11	288	1 45	417 60	9.3

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Electricians	17	278	$1 98	$550 44	9.2
Engineers	9	284	2 74	778 16	10.5
Field winders	2	295	2 25	663 75	10
Filer	1	285	1 85	527 25	9.
Finishers	2	252	1 10	277 20	10
Firemen	12	288	2 02	581 76	11.2
Fitters	8	313	2 12	663 56	10
Foremen	44	294	3 24	952 56	9.8
Furnace tenders	2	300	2 25	675 00	10
Hammermen	4	300	2 25	675 00	10
Heaters	2	300	1 75	525 00	10
Helpers	2	250	1 75	437 50	9
Hydraulic pressmen	2	300	2 25	675 00	10
Insulators	8	304	1 69	513 76	10
Laborers	580	301	1 49	448 49	9.9
Laborers (boys)	2	300	1 25	375 00	10
Lacquerers	13	252	1 70	428 40	10
Machine hands	202	269	1 55	416 95	9.1
Machinists	153	277	2 25	623 25	9.4
Machinists' helpers	4	250	1 50	375 00	9
Millwright	1	300	2 75	825 00	10
Moulders	12	295	2 50	737 50	9.7
Packers	5	281	1 36	382 16	9.6
Pattern makers	2	292	3 00	876 00	9.5
Platers	19	299	1 79	535 21	9.9
Polishers	2	303	2 50	757 50	9
Shipping clerks	5	288	2 00	576 00	9.4
Spinners	3	285	2 50	712 50	9
Stock hands	10	273	1 55	423 15	9.7
Switchboard hands	8	299	2 25	672 75	10
Taperer	1	295	1 65	486 75	10
Testers	15	299	1 75	523 25	10
Tinners	21	263	1 79	470 77	9.8
Tool makers	11	298	2 64	786 72	9.9
Trimmers	2	300	2 00	600 00	10
Watchman	3	276	1 92	529 92	10.8
Winders	5	294	2 55	749 70	10
ELEVATORS AND HOISTING MACHINERY—3 ESTABLISHMENTS.					
Carpenters	4	305	2 75	838 75	9.
Electrician	1	305	3 00	915 00	9
Engineer	1	306	1 83	559 98	10
Foremen	2	305	3 50	1,067 50	9
Helpers	5	306	1 50	459 00	9
Laborers	14	305	1 64	500 20	9.2
Machinists	19	305	2 39	728 95	9
Millwrights	9	305	3 23	985 15	9.8
Warehouseman	1	306	2 08	636 48	10
EXTRACTS, TOILET ARTICLES AND PERFUMERY—4 ESTABLISHMENTS.					
Driver	1	360	2 00	720 00	10
Laborers	7	320	1 75	560 00	9.4
Packers	6	330	1 75	577 50	10
Shipping clerk	1	306	1 00	306 00	8
FERTILIZERS—2 ESTABLISHMENTS					
Blacksmiths	3	347	2 50	867 50	9.3
Carpenters	4	365	3 00	1,095 00	9.9
Engineers	3	347	2 50	867 50	9.3
Foreman	5	354	2 50	885 00	9.2
Laborers	128	359	1 37	491 83	9.1
Machinist	1	365	3 15	1,149 75	9
Teamsters	11	312	2 00	624 00	10
Watchmen	2	365	2 50	912 50	9

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

FLOURING-MILL PRODUCTS—2 ESTABLISHMENTS

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Engineers	2	200	$3 50	$750 00	11
Firemen	2	200	2 00	400 00	11
Laborers	15	226	1 75	395 50	9.7
Millers	4	200	2 50	500 00	11
Packers	11	200	2 00	400 00	11
Teamsters	12	258	1 93	497 94	9.4
Watchman	1	200	2 00	400 00	11

FOUNDRY AND MACHINE SHOP PRODUCTS—71 ESTABLISHMENTS.

Apprentices	166	299	1 40	418 60	9.7
Assemblers	22	316	2 21	698 36	10
Automatic workers	2	304	2 00	608 00	10
Bench hands	33	232	1 50	348 00	10
Blacksmiths	58	276	2 93	808 68	9.8
Blacksmiths' helpers	27	302	1 84	555 68	9.8
Boilermakers	6	310	2 00	620 00	10
Bolt headers' helpers	33	300	1 65	495 00	10
Buffers	11	225	3 00	675 00	10
Carpenters	81	288	2 50	720 00	10
Casting cleaners	65	292	1 65	481 80	9
Chainmakers	13	250	2 75	687 50	8
Chemists	2	300	3 00	900 00	10
Cleaners	4	229	2 00	458 00	10
Chippers	72	295	1 53	451 35	10
Coremakers	312	292	2 37	692 04	9.9
Coremakers' helpers	5	228	2 10	478 80	10
Crane hands	14	278	1 89	525 42	9.2
Cupola tenders	7	223	1 93	430 39	10
Cutters	50	301	1 19	358 19	10
Die setters	16	308	2 88	887 04	10
Draughtsmen	2	173	2 25	389 25	9
Drill hands	4	251	1 94	486 94	10
Electricians	8	305	2 98	908 90	10.9
Engineers	59	283	2 61	738 63	10.3
Feeders	40	275	1 00	550 00	10
Filers	3	303	2 00	606 00	10
Firemen	18	277	2 00	554 00	11.1
Flaskmakers	2	295	2 12	625 40	10
Foremen	20	284	2 77	786 68	10
Furnace hands	74	295	2 33	687 35	10.5
Gear cutters	8	307	2 30	706 10	10
Grinders	70	301	1 34	403 34	9.8
Hammermen	11	305	4 91	1,497 55	10
Headermen	60	299	2 97	888 03	9.1
Heaters	59	303	2 40	727 20	9.5
Helpers	253	273	1 83	499 59	9.9
Japanners	5	282	1 40	394 80	10
Laborers	3,603	287	1 61	462 07	10.1
Laborers (boys)	29	282	1 30	366 60	9.5
Ladle hands	2	229	1 65	377 85	10
Lathe hands	4	275	2 19	602 25	10
Lineman	1	300	2 75	825 00	10
Machine hands	215	263	1 91	502 33	9.7
Machinists	691	278	2 52	700 56	9.8
Machinists' helpers	51	316	1 99	628 84	10
Masons	14	243	4 57	1,110 51	9
Melter	1	290	3 00	870 00	10
Meter makers	5	250	2 00	500 00	10
Mill hands	5	300	1 50	450 00	9.5
Millwright	3	225	2 20	495 00	9.3
Moulders	1,821	291	2 79	811 89	9.9
Moulders' helpers	65	296	1 58	467 68	10
Mounters	11	274	2 50	685 00	10
Nutmakers	158	289	2 39	690 71	9.4

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Nutters	172	284	$0 90	$255 60	9.7
Oiler	1	295	1 60	472 00	10
Operators	11	300	1 75	525 00	10
Packers	65	291	1 97	573 27	10
Paperers	10	248	1 60	396 80	10
Patternmakers	98	291	2 94	855 54	9.7
Piece workers	40	243	2 03	493 29	10
Pipe fitters	2	308	3 02	930 16	11
Pipemakers	290	297	1 70	504 90	8
Pittmen	3	229	1 75	400 75	10
Platers	72	272	1 83	497 76	10
Plumbers	2	304	2 25	684 00	10
Pointers	48	293	1 13	330 09	9.5
Polishers	29	255	2 61	665 55	8.4
Press hands	105	289	2 03	586 67	9.3
Punchers	2	260	2 50	650 00	10
Riveters	7	279	2 11	588 69	10
Rivetmakers	34	298	2 89	861 22	9.9
Sandmixer	1	229	1 65	477 85	10
Shavers	3	260	1 50	390 00	10
Shearers	2	248	1 60	396 80	10
Shipping clerks	7	222	2 08	461 76	10
Shovelmakers	45	267	1 60	427 20	10
Sorters	3	300	75	225 00	9.5
Sorters (boys)	35	300	2 00	600 00	10
Stockkeeper	1	300	2 00	600 00	10
Structural workers	15	260	2 00	520 00	10
Tappers	87	301	1 41	424 41	9.4
Teamsters	12	290	1 77	513 30	9.8
Temperers	4	286	2 18	617 76	10
Threaders	145	283	1 10	311 30	10
Timekeepers	10	304	1 75	532 00	10
Tinsmiths	2	314	1 75	549 50	10
Toolmakers	25	222	2 52	559 44	9.9
Turners	15	285	1 80	513 00	10
Washers	14	273	1 10	300 30	9.2
Watchmen	29	269	2 07	556 83	11.7
Welders	3	304	2 00	608 00	10
Wood workers	8	220	1 75	385 00	9.5
Wrench hands	21	248	1 65	409 20	10
FURNITURE—10 ESTABLISHMENTS					
Cabinet makers	11	301	2 30	692 30	8.6
Carpenter	1	100	2 00	200 00	10
Engineer	1	100	2 00	200 00	10
Finishers	31	296	1 88	556 48	9.7
Finishers' helpers	3	300	1 00	300 00	10
Foreman	1	300	3 00	900 00	8
Laborers	23	109	1 74	189 66	10
Machine hands	24	301	1 84	553 84	9.8
Machinist	1	100	2 75	275 00	10
Packers	5	302	1 76	531 52	10
Upholsterers	50	299	2 15	642 85	9.7
Upholsterers' helpers	6	300	1 10	330 00	10
Yardmen	2	300	1 50	450 00	10
GAS AND ELECTRICITY—4 ESTABLISHMENTS.					
Boiler hands	19	365	1 93	604 45	9
Chargers	24	366	2 40	878 40	12
Coke hands	65	365	2 00	730 00	10
Dynamo tenders	6	365	2 33	850 45	9
Electricians	3	365	2 25	821 25	10
Engineers	22	365	2 81	1,025 65	9.9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

GAS AND ELECTRICITY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Firemen	125	365	$2 19	$799 35	10.7
Foremen	59	365	2 52	919 80	10
Hostlers	4	365	2 52	919 80	10
Laborers	265	365	1 69	616 85	9
Laborers (boys)	4	365	1 53	558 45	9
Lampmakers	5	365	2 27	828 55	9
Linemen	18	365	2 77	1,011 05	9
Machinists	11	365	2 36	861 40	9
Metermen	40	365	2 25	821 25	10
Patrolmen	6	365	2 69	981 85	9
Shed hands	16	366	1 90	695 40	12
Shop hands	30	365	2 25	821 25	10
Stockkeepers	3	365	2 33	850 45	9
Timekeepers	9	365	2 57	938 05	9
Trimmers	26	365	1 95	711 75	9
Watchmen	5	365	2 08	759 20	9
Wiremen	14	365	2 40	876 00	9
GAS MANTELS—3 ESTABLISHMENTS.					
Assembler	1	305	1 75	533 75	10
Buffer	1	305	2 00	610 00	10
Inspectors	2	305	4 00	1,220 00	10
Laborers	5	267	80	213 60	9
Machinists	4	305	2 00	610 00	10
Mantel makers	4	265	75	198 75	9
Painters	2	305	2 00	610 00	10
Patternmakers	1	305	2 00	610 00	10
Plater	1	305	3 00	610 00	10
Shapers	2	275	2 00	550 00	9
Shippers	1	305	2 50	762 50	10
Tinners	2	305	2 50	762 50	10
Toolmaker	1	305	3 00	915 00	10
GLASS AND GLASSWARE—3 ESTABLISHMENTS.					
Bevelers	3	300	1 47	441 00	9
Buffer	1	300	2 17	651 00	10
Cutters	2	300	1 93	579 00	9
Glaziers	18	280	1 90	532 00	8.5
Laborers	1	300	58	174 00	10
Polisher	1	300	1 50	450 00	10
Rougher	1	300	2 50	750 00	10
Silverers	2	300	2 38	714 00	9.5
Smoother	1	300	3 00	900 00	10
Teamster	1	300	1 50	450 00	9
GUNPOWDER AND OTHER EXPLOSIVES—2 ESTABLISHMENTS.					
Blacksmith	1	290	2 50	725 00	8
Engineers	2	290	3 50	1,015 00	10
Firemen	9	290	1 93	559 70	10
Laborers	20	295	1 60	472 00	9
Machine hands	9	300	1 80	540 00	8
Machinists	3	300	3 55	1,065 00	8
Mechanics	3	290	2 50	725 00	8
Millwright	1	290	3 50	1,015 00	8
Powder makers	35	290	2 26	655 40	8
Teamsters	8	290	1 80	522 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

HARDWARE—14 ESTABLISHMENTS

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Assemblers	12	300	$0 68	$204 00	10
Bench hands	15	296	1 83	541 68	10
Blacksmiths	56	296	2 71	702 16	10
Boxmakers	3	285	1 75	498 75	10
Buffers	2	300	3 00	900 00	9
Canmakers	3	300	1 21	363 00	10
Carpenter	1	300	2 25	675 00	10
Coremakers	30	285	1 25	356 25	10
Coopers	9	285	1 70	484 50	10
Countersinkers (boys)	10	288	75	216 00	10
Diemakers	3	300	3 00	900 00	10
Drivers	2	308	1 75	539 00	10
Engineers	6	291	3 17	922 47	10.3
Firemen	1	300	1 60	480 00	10
Fitters	178	285	1 75	498 75	10
Foremen	21	288	3 54	1,019 52	10
Forgers	31	250	2 90	725 00	10
Furnace hands	6	285	2 30	655 50	10
Hardware makers	47	250	1 50	375 00	10
Japanners	19	287	1 78	510 86	10
Laborers	895	290	1 62	469 80	10
Laborers (boys)	18	322	77	247 94	9
Machine hands	6	300	2 41	723 00	10
Machinists	120	290	2 48	719 20	10
Machinists' helpers	6	300	1 75	525 00	10
Metal stampers	30	300	2 17	651 00	10
Moulders	384	287	2 27	651 49	10
Packers	16	297	1 67	495 99	10
Patternmakers	23	288	2 54	731 52	10.5
Platers	11	291	2 55	742 05	9.5
Platers' helpers	4	228	1 00	288 00	10
Polishers	84	290	2 09	606 10	9.8
Porter	1	300	2 00	600 00	10
Press hands	78	293	1 59	465 87	10
Rolling mill hands	45	294	2 10	617 40	8
Shippers	2	319	1 80	574 20	9.5
Shippers' helpers	4	288	1 60	460 80	10
Stock boys	3	300	75	225 00	10
Tinners	34	292	2 09	610 28	9.7
Toolmakers	22	300	3 05	915 00	10
Vise hands	20	300	1 75	525 00	10
Watchmen	8	291	1 97	573 27	10.5

HARNESS AND SADDLERY—9 ESTABLISHMENTS.

Drivers	6	365	1 50	547 50	12
Fitters	4	305	1 85	564 25	10
Foremen	1	365	1 50	547 50	12
Harness makers	24	303	2 10	636 30	9.9
Hostler	1	365	1 50	547 50	12
Machine hand	1	305	1 75	533 75	10
Sewers	2	305	1 40	427 00	10

HATS, CAPS AND FURNISHINGS—7 ESTABLISHMENTS.

Apprentice	1	300	0 50	150 00	10
Blockers	26	276	1 53	422 28	9
Boxmakers	6	275	1 25	343 75	9
Capmakers	12	305	2 20	671 00	9.3
Cutters	5	286	2 30	657 80	9.3
Hatter	1	300	3 00	900 00	9
Laborers	10	275	1 25	343 75	9
Machine operators	3	275	1 75	481 25	9.5
Packers	2	275	1 50	412 50	9
Pressers	25	275	1 50	412 50	9

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

ICE (ARTIFICIAL)—5 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	10	300	$2 00	$600 00	10
Engineers	12	311	2 97	923 67	12
Firemen	13	315	1 92	604 80	12
Foreman	1	200	2 50	500 00	12
Laborers	31	334	1 63	544 42	10
Machine hand	1	366	2 00	632 00	10
Oiler	1	204	2 00	408 00	10
Pullers	2	200	1 50	300 00	12
Tankmen	2	204	2 00	408 00	12

INKS—2 ESTABLISHMENTS.

Apprentice	1	306	0 80	244 80	9
Inkmakers	4	279	1 96	546 84	9
Inkmakers' helper	1	306	2 00	612 00	9
Paintmakers	11	270	1 65	445 50	9

IRON (STRUCTURAL AND ARCHITECTURAL)—11 ESTABLISHMENTS.

Apprentices	8	306	1 00	306 00	9.2
Blacksmiths	52	306	1 98	605 88	9.9
Blacksmiths' helper	1	307	1 75	537 25	10
Boilermakers	98	301	1 80	541 80	10
Carpenter	1	306	2 50	765 00	9.2
Coremakers	4	308	2 75	847 00	10
Draughtsmen	8	307	3 38	1,037 66	8.6
Electrical workers	5	306	1 70	520 20	9.2
Engineers	3	306	3 10	948 60	10
Fencemakers	3	210	2 00	420 00	10
Firemen	3	306	2 03	621 18	10
Helpers	13	305	1 71	521 55	9.4
Ironworkers	463	304	1 99	604 96	9.9
Laborers	111	303	1 70	515 10	10
Laborer (boy)	1	210	75	157 50	10
Machine hands	36	306	1 80	550 80	9.2
Machinists	251	299	2 37	708 63	9.9
Moulders	11	308	3 10	954 80	10
Painters	34	307	1 75	537 25	10
Patternmakers	16	291	3 17	922 47	9.9
Pipemakers	6	307	3 00	921 00	10
Shippers	2	307	2 50	767 50	10
Storekeeper	1	307	2 50	767 50	10
Teamsters	4	301	1 75	526 75	10
Toolmakers	7	306	3 00	918 00	9.4
Watchmen	3	306	1 83	559 98	11.3
Wireworkers	9	308	2 25	693 00	10

JEWELRY AND WATCHES—4 ESTABLISHMENTS.

Apprentices	8	352	0 71	249 92	9.4
Engravers	6	358	2 67	955 86	9.5
Jewelers	24	315	3 13	985 95	9.1
Machinist	1	358	3 00	1,074 00	9.5
Polisher	1	358	2 00	716 00	9.5

LEATHER AND LEATHER GOODS—4 ESTABLISHMENTS.

Beam hands	6	293	1 96	574 28	9.3
Curriers	16	290	1 92	556 80	9.1
Engineers	4	295	2 38	602 10	9.5
Finishers	1	306	2 00	612 00	10
Foremen	2	300	2 50	750 00	10
Grainers	3	300	3 00	900 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

LEATHER AND LEATHER GOODS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Japanners	14	300	$2 16	$648 00	10
Laborers	12	292	1 55	452 60	9.3
Machinist	1	300	3 00	900 00	10
Pointers	2	308	1 50	462 90	10
Pressmen	3	308	2 22	683 76	10
Shaver	1	306	2 00	612 00	10
Splitters	4	300	5 00	1,500 00	10
Table hand	1	306	1 83	559 98	10
Tackers	4	300	2 50	750 00	10
Tanners	2	275	1 73	475 75	8
Teamsters	2	303	1 72	521 16	10
Trimmer	1	308	2 25	693 00	10
Watchman	1	300	2 00	600 00	14
Whitener	1	306	2 00	612 00	10
Yard hands	2	306	1 58	483 48	10
LIME, SAND, CEMENT AND PLASTER—2 ESTABLISHMENTS.					
Bagger	1	304	2 00	608 00	10
Dryer	1	304	1 75	483 48	10
Engineers	2	302	2 50	755 00	10
Laborers	17	301	1 50	451 50	10
Mixers	7	300	1 79	537 00	10
Retarder maker	1	304	2 00	608 00	10
Tier	1	304	1 75	532 00	10
Warehouseman	1	304	2 25	684 00	11
Watchman	1	304	1 85	562 40	12
LIQUORS (MALT)—11 ESTABLISHMENTS.					
Apprentices	7	312	1 57	489 84	9
Bartenders	5	312	1 60	499 20	9
Blacksmiths	4	306	2 56	783 36	8
Bottlers	22	298	1 66	494 68	8.9
Bottle washers	3	310	1 25	387 50	10
Brewers	163	305	2 69	820 45	8.9
Carpenters	21	308	3 10	954 80	8.9
Cellar hands	12	310	3 05	945 50	9
Coopers	15	308	2 72	837 76	9
Drivers	149	303	2 87	869 61	9.4
Drivers' helper	1	310	2 00	620 00	10
Electrician	1	306	3 40	1,040 40	8
Engineers	46	305	2 93	893 65	8.6
Firemen	45	309	1 96	605 64	8
Foremen	3	260	3 20	832 00	9.3
Harness maker	1	306	2 02	618 12	10
Hostlers	35	305	2 12	646 60	9.8
Laborers	20	283	1 78	503 74	9.9
Machinists	3	310	3 00	930 00	9
Malt hands	12	306	2 25	688 50	10
Painters	4	304	2 63	799 52	8
Plumber	1	306	3 00	918 00	10
Tinners	2	306	2 75	841 50	8
Washhouse hands	29	310	2 50	775 00	9
Watchmen	12	301	2 14	644 14	9.3
Woodworkers	1	306	2 75	841 50	8
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—10 ESTABLISHMENTS.					
Apprentices	8	303	1 02	309 06	9
Artists	41	305	3 70	1,128 50	8
Blockers	2	306	1 96	599 76	9
Builder	1	306	1 66	507 96	9
Casters	2	306	1 54	471 24	9
Cutters	5	302	2 60	785 20	9.2

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

LITHOGRAPHING, ELECTROTYPING AND ENGRAVING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cutters' assistant	1	300	$1 50	$450 00	9
Drivers	2	306	2 25	688 50	9
Electrotypers	32	318	1 91	607 38	9
Embossers	3	304	1 83	556 32	9.3
Engravers	68	308	2 37	729 96	8.1
Errand boys	3	302	66	199 32	9.2
Feeders	13	300	1 21	363 00	9
Finishers	4	360	3 25	994 50	9
Floor boys	9	303	91	275 73	9.3
Lithographers	24	304	1 85	562 40	9
Moulder	1	306	3 50	1,071 00	9
Photographers	2	300	2 50	750 00	8.5
Porter	1	306	2 00	612 00	10
Pressmen	13	302	3 24	978 48	9.2
Printers	20	304	3 00	912 00	9
Shipping clerks	2	303	1 75	530 25	9.2
Stone polishers	2	300	2 75	825 00	9
Transferers	18	303	3 19	966 57	9.2
MACARONI—3 ESTABLISHMENTS.					
Foreman	1	300	2 00	600 00	10
Laborers	13	269	1 42	381 98	10
Macaroni makers	22	300	1 73	519 00	10
Shipping clerk	1	300	2 00	600 00	10
MACHINERY—42 ESTABLISHMENTS.					
Apprentices	261	279	1 15	320 85	9.7
Assemblers	189	293	2 10	615 30	9.3
Bench hands	40	283	1 65	466 95	10
Blacksmiths	79	288	2 56	737 28	9.7
Blacksmiths' helpers	12	297	1 79	531 63	9.7
Boilermakers	12	298	3 05	708 90	10
Boilermakers' helpers	36	298	150	447 00	9
Bridgeworkers	140	279	2 00	558 00	10
Carpenters	32	294	2 59	761 46	9.7
Case hardeners	3	279	2 72	758 88	10
Coremakers	23	307	2 83	868 81	9.1
Crane hand	1	307	2 25	690 75	10
Craters	18	283	1 75	495 25	10
Draughtsmen	186	295	3 98	1,174 10	8.9
Drill hands	10	304	1 57	477 28	9.8
Electricians	9	303	2 70	818 10	9.2
Elevator hands	2	283	1 55	438 65	10
Engineers	17	293	2 89	846 77	10.2
Erectors	210	280	2 82	789 60	9.9
Firemen	9	295	3 50	1,032 50	8
Floor hands	8	307	2 80	859 60	10
Foremen	62	280	3 60	1,008 00	9.6
Galvanizers	5	300	2 50	750 00	9
Helpers	74	299	1 79	535 21	9.7
Ironworkers	13	306	2 67	817 02	9.8
Japanners	9	283	2 25	636 75	10
Laborers	938	299	1 52	454 48	8.9
Laborers (boys)	12	290	1 29	374 10	9.8
Machine hands	407	294	1 96	576 24	9.4
Machinists	1,239	290	2 68	777 20	9.6
Machinists' helpers	119	296	1 97	583 12	9.6
Masons	3	308	4 38	1,349 04	8
Melters	9	306	3 28	1,003 68	11.6
Mill hands	38	279	1 41	393 39	10
Millwrights	12	306	2 81	859 86	9.9
Moulders	60	305	3 09	942 45	9.2
Nicklers	4	283	1 90	537 70	10

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Oiler	1	308	$2 16	$665 28	12
Painters	32	284	1 93	548 12	9.8
Patternmakers	93	290	3 01	872 90	9.6
Pipefitters	5	305	2 32	707 60	9.3
Planers	10	306	2 67	817 02	9.8
Polishers	12	283	3 25	919 75	10
Press hands	7	298	1 64	488 72	9.1
Riveters	4	290	2 20	638 00	10
Shipper	1	270	2 65	715 50	10
Stock hands	18	283	1 69	478 27	10
Stone dressers	2	306	2 75	841 50	10
Structural iron workers	39	308	2 43	748 44	9
Sweepers	6	283	1 55	438 65	10
Teamsters	7	299	2 33	696 67	9.6
Tinners	31	299	2 50	747 50	9
Toolmakers	80	273	2 74	748 02	9.7
Vise hands	18	305	2 62	799 10	9
Yard hands	57	279	1 93	538 47	10
Watchmen	16	261	1 91	498 51	10.9
MARBLE AND GRANITE—8 ESTABLISHMENTS.					
Blacksmiths	2	297	2 25	668 25	8.5
Carpenters	3	294	2 00	588 00	9
Coopers	3	294	2 00	588 00	9
Cutters	47	281	2 90	814 90	8.3
Draughtsmen	2	294	3 85	1,131 90	9
Engineers	2	294	2 75	808 50	10
Foremen	1	308	3 50	1,078 00	9
Helper	1	300	1 25	375 00	8
Laborers	24	296	1 88	556 48	8.7
Machinists	9	306	2 33	712 98	9.1
Mosaic workers	25	294	1 95	573 30	10
Planers	4	294	2 15	632 10	9
Polishers	25	288	1 97	567 36	8.8
Rubbers	12	294	2 00	588 00	9
Setters	31	296	3 94	1,166 24	8
Setters' helpers	29	295	1 78	525 10	8
Teamsters	1	300	2 25	675 00	8
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Fillers	2	306	1 25	382 50	8
Foremen	2	303	2 75	833 25	8.5
Laborers	2	300	1 50	450 00	9
Mattress makers	8	300	2 25	675 00	9
Mattress makers' helpers	7	300	1 75	525 00	9
Teamsters	3	300	2 00	600 00	9
MOULDINGS AND FRAMES—3 ESTABLISHMENTS.					
Composition hands	10	294	1 23	361 23	10
Composition ornamenters	20	300	1 50	450 00	10
Cutters	3	280	1 65	462 00	10
Engineer	1	300	2 00	600 00	10
Fillers	5	280	1 30	364 00	10
Finishers	104	293	1 71	501 03	10
Fitters	6	290	1 88	545 20	10
Foremen	4	300	2 67	801 00	10
Gilders	8	280	2 00	560 00	10
Joiners	14	296	1 70	503 20	10
Laborers	19	300	1 42	426 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

MOULDINGS AND FRAMES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Lumber hands	4	280	$1 25	$350 00	10
Mill hands	9	289	1 33	384 37	10
Miscellaneous	12	300	1 75	525 00	10
Mounters	5	280	1 65	462 00	10
Packers	18	294	1 39	408 66	10
Polishers	12	280	2 00	560 00	10
Sand paperers	4	280	1 90	532 00	10
Sawyers	3	280	1 50	420 00	10
Sticker hands	4	280	1 75	490 00	10
Teamsters	2	280	1 75	490 00	10
Whiting hands	2	280	1 60	448 00	10
Whiting hands' helpers	4	280	1 25	350 00	10
Woodworkers	11	300	2 10	630 00	10
OIL AND GREASE—9 ESTABLISHMENTS					
Barrelmakers	47	298	1 91	569 18	9
Barrelmakers (boys)	17	298	83	245 34	9.5
Barrel repairers	15	298	2 22	661 56	10
Barrel repairers (boys)	3	298	1 16	345 68	10
Boilermakers	43	298	2 91	867 18	9
Boilermakers' helpers	40	298	2 24	667 52	9
Boilermen	31	302	2 19	661 38	11.4
Blacksmiths	11	298	2 15	640 70	9
Canmakers	40	298	2 00	596 00	10
Canmakers (boys)	57	298	1 01	300 98	10
Canners	4	298	1 73	515 54	10
Canners (boys)	5	298	72	214 56	10
Candle moulders	16	298	1 75	521 50	10
Carpenters	10	298	2 47	736 06	9.7
Car builders	53	298	1 98	590 04	9
Car repairer	1	310	2 50	775 00	10
Coopers	10	318	2 15	683 70	9.8
Compounders	8	298	2 51	747 98	11.3
Engineers	10	309	2 81	868 29	11.6
Firemen	41	299	2 24	669 76	12
Foremen	2	306	2 50	765 00	10
Grease box makers	2	298	1 82	542 36	9.5
Grease box makers (boys)	22	298	82	244 36	9.5
Grease fillers (boys)	8	298	75	223 50	10
Greasemakers	8	298	2 37	706 26	10
Hostler	1	310	1 66	514 60	10
Laborers	385	300	1 81	543 00	9.7
Lithographers	2	298	3 55	1,057 90	10
Lithograph transferrer	1	298	3 32	989 36	8
Machinists	37	298	2 59	771 82	9
Machine oil fillers	2	298	1 67	497 66	10
Masons	10	298	4 00	1,192 00	8
Masons' helpers	20	298	2 13	634 74	8.5
Operators	2	340	2 14	727 60	12
Packing case makers	23	298	1 85	551 30	9.5
Packing case makers (boys)	14	298	84	250 32	9.5
Painters	2	298	1 98	590 04	9
Pipefitters	15	298	1 97	587 06	9.7
Printers	28	298	2 28	679 44	9
Pumpers	15	302	2 74	827 48	11
Shippers	11	298	2 35	700 30	10
Stave inspectors	6	298	1 83	545 34	9
Stillmen	15	307	2 67	819 69	11.9
Switching crew	3	298	2 67	795 66	10
Tank cleaners	3	298	1 89	563 22	9
Teamsters	247	298	2 01	598 98	9.9
Tinsmiths	5	298	2 43	724 14	9
Treaters	7	298	2 67	795 66	10
Warehouse hands	9	348	2 20	765 60	9
Watchmen	9	299	2 29	684 71	12

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

PAINTS AND VARNISHES—18 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentices	5	300	$1 75	$525 00	10
Assemblers	4	300	1 75	525 00	9.5
Blacksmiths	2	300	2 50	750 00	10
Binders	3	300	1 36	408 00	9.5
Carpenters	5	292	2 43	709 16	9.2
Color makers	3	293	1 95	751 35	10
Compositors	11	299	3 37	1,007 63	9.6
Cook	1	300	1 67	501 00	10
Coopers	3	305	2 50	762 50	9.7
Coopers' helper	1	300	1 75	525 00	9
Dryer maker	1	303	2 50	757 50	9
Electricians	2	300	3 00	900 00	10
Engineers	12	298	2 34	697 32	11.5
Feeders	14	300	1 66	498 00	9.5
Fillers	25	280	1 65	462 00	8
Filterer	1	300	1 75	525 00	9
Firemen	2	299	1 41	421 59	10.3
Grinders	19	305	1 96	597 80	9.9
Helpers	20	300	1 83	549 00	9
Laborers	182	299	1 85	553 15	9.9
Machine hands	38	300	2 10	630 00	10
Machinists	11	293	2 60	761 80	9.2
Melters	3	300	3 50	1,050 00	9
Mill hands	17	279	2 03	566 37	8
Mixers	11	301	1 96	589 96	9.6
Packers	54	297	1 61	478 17	9.6
Paintmakers	18	297	2 18	647 46	9.6
Pressmen	8	300	2 25	675 00	12
Samplers	9	300	2 08	624 00	9.5
Shippers	5	298	2 14	637 72	9.1
Solderers	12	300	2 35	705 00	10
Stone dressers	2	310	3 00	930 00	10
Teamsters	4	306	2 21	676 26	9.4
Testers	2	307	2 00	614 00	10
Tinners	21	286	1 89	540 54	8.6
Tinter	1	270	3 00	810 00	9.5
Varnish makers	31	301	2 39	719 39	9.8
Varnish makers' helpers	13	299	1 87	559 13	9.8
Warehouseman	1	307	2 75	844 25	10.
Watchmen	7	300	1 96	588 00	11.1

PATTERNS AND MODELS—3 ESTABLISHMENTS.

Patternmakers	61	289	2 90	838 10	9.3

PIANOS AND OTHER MUSICAL INSTRUMENTS—2 ESTABLISHMENTS.

Cabinetmakers	6	293	2 25	659 25	10
Engineers	1	293	2 50	732 50	10
Laborers	5	293	1 25	366 25	10
Machine hands	6	293	2 50	732 50	10
Organ builders	15	310	2 00	620 00	10
Piano stringers	3	293	1 75	512 75	10
Piano makers	11	293	3 00	879 00	10
Rubbers	5	293	2 25	659 25	10
Teamster	1	290	2 93	855 56	10
Tuner	1	293	2 00	586 00	10
Varnishers	7	293	2 00	586 00	10

PLATING—2 ESTABLISHMENTS.

Apprentices	3	305	1 10	335 50	9
Buffer	1	300	2 00	600 00	9
Errand boy	1	305	60	183 00	9
Platers	4	302	2 75	830 50	9
Polishers	9	305	2 50	762 50	9
Teamster	1	305	1 50	457 50	9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

PLUMBING, STEAM AND GAS FITTING SUPPLIES—10 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Assemblers	11	300	$1 43	$429 00	9
Bench hands	3	300	1 50	450 00	9
Buffers	10	300	2 50	750 00	9
Chandelier makers	14	300	1 75	525 00	9
Cock makers	21	294	1 94	570 36	9
Coremakers	19	286	1 57	449 02	9
Draughtsman	1	313	3 84	1,201 92	8
Engineers	2	268	2 50	670 00	9.5
Finishers	21	300	1 76	528 00	9
Fitter	1	313	3 50	1,095 50	8
Fitter's helper	1	313	1 75	547 75	8
Foreman	1	300	3 25	975 00	10
Furnacemen	2	300	2 50	750 00	9
Helpers	4	306	1 50	459 00	8
Laborers	71	296	1 13	334 48	9
Laborers (boys)	3	304	67	203 68	8.7
Lathe hands	2	300	1 50	450 00	10
Machine hands	33	269	2 06	554 14	9
Machinists	4	300	2 50	750 00	9
Metal hand	1	300	2 50	750 00	10
Moulders	28	285	2 18	621 30	9
Pattern makers	3	300	2 00	600 00	9
Platers' helpers	3	300	1 50	450 00	9
Plumbers	3	306	3 75	1,147 50	8
Polishers	43	290	2 32	672 80	9
Press hands	11	300	1 80	540 00	9.2
Spinners	4	300	2 25	675 00	9
Steamfitters	2	306	3 25	994 50	8
Tester	1	300	1 75	525 00	10
Tinners	3	306	2 50	750 00	8
Toolmakers	5	304	2 70	820 80	8.4
Watchman	1	300	1 60	480 00	10

PRINTING AND BINDING—53 ESTABLISHMENTS.

Apprentices	25	301	85	255 85	9
Artists	2	310	6 00	1,860 00	9
Binders	105	292	2 38	694 96	9
Binders (boys)	2	307	91	279 37	9.7
Compositors	300	287	2 80	803 60	9
Cutters	22	287	2 20	631 40	9
Die stampers	2	308	2 75	847 00	9
Draughtsman	1	312	2 00	624 00	4
Editor	1	312	4 17	1,301 04	7
Electrotype caster	1	299	2 00	598 00	9
Electrotype finishers	2	299	3 33	995 67	9
Electrotype moulder	1	299	3 25	971 75	9
Electrotypers	8	208	2 16	449 28	9
Electrotypers' helpers	3	299	84	251 16	9
Elevator hands	2	313	1 00	313 00	9
Engineers	5	288	2 73	786 24	9
Engineers' assistant	1	312	2 50	780 00	8
Engravers	4	308	2 62	806 96	8
Errand boys	32	280	59	165 20	9.2
Feeders	198	294	1 53	449 82	9
Finishers	5	307	2 79	856 53	9.1
Firemen	3	301	1 84	553 84	9
Foremen	8	310	3 27	1,013 70	9.3
Forwarders	5	305	2 40	732 00	9
Helpers	3	301	1 13	340 13	9
Laborers	16	274	1 38	378 12	9
Linotype operators	16	310	3 48	1,078 80	8
Lithographer	10	302	2 90	875 80	8
Machinists	4	304	3 23	981 92	9
Mailers	9	270	1 74	469 80	8.9
Makeups	8	308	2 81	865 48	8.6

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

PRINTING AND BINDING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	7	304	$0 99	$300 96	9
Porters	11	284	1 68	477 12	8.7
Pressmen	139	300	2 81	843 00	8.9
Preesmen's assistants	3	301	2 16	650 16	9
Proofreaders	13	302	2 94	887 88	9
Rulers	18	307	3 00	921 00	9
Shipping clerks	7	270	1 49	402 30	9.5
Solicitor	1	117	3 00	351 00	9
Stereotypers	5	312	2 70	842 40	8
Stock hands	2	305	1 67	509 35	9
Stone polishers	5	306	2 71	829 26	9
Teamster	1	299	1 67	499 33	9
Transferers	7	308	3 95	1,216 60	9
Watchman	1	313	2 00	626 00	9
PUMPS AND WATER WHEELS—2 ESTABLISHMENTS.					
Apprentice	1	290	50	145 00	10
Carpenters	2	240	2 25	540 00	9
Laborer	1	240	1 50	360 00	9
Machinists	22	290	2 64	765 60	10
Machinists' helpers	10	290	1 59	461 10	10
Painters	2	240	1 50	360 00	9
Teamster	1	240	1 75	420 00	9
ROOFING (STEEL, IRON AND TIN)—5 ESTABLISHMENTS.					
Apprentices	2	306	1 00	306 00	8
Laborers	15	275	1 72	473 00	8
Roofers	14	248	2 51	622 48	8
Slaters	8	290	3 23	936 70	8
Tinners	31	296	2 52	745 92	8
Tinners' helpers	8	306	1 85	566 10	8
RUBBER GOODS—2 ESTABLISHMENTS.					
Carpenters	5	290	2 50	725 00	10
Collar maker	1	306	1 17	358 02	9
Engineers	2	290	2 50	725 00	12
Laborers	255	290	1 49	432 10	10
Machinists	15	290	2 50	725 00	10
RUGS AND CARPET CLEANING—2 ESTABLISHMENTS.					
Carpet cleaning	8	292	2 25	657 00	10
Carpet layers	9	296	2 39	707 44	9.6
Cleaners	5	292	2 50	730 00	10
Drivers	10	296	1 90	562 40	9.6
Engineer	1	292	2 75	803 00	10
Laborers	10	302	1 75	528 50	9
Weavers	12	298	2 00	596 00	9.4
SASH, DOORS, LUMBER AND INTERIOR FINISH—24 ESTABLISHMENTS.					
Bench hands	30	300	2 74	822 00	9.8
Cabinetmakers	26	295	2 88	849 60	9.2
Carpenters	91	298	3 09	920 82	8.3
Draughtsman	1	308	4 16	1,281 28	8
Engineers	6	283	2 58	730 14	9.8
Finishers	3	300	3 60	1,080 00	9
Fireman	1	310	2 00	620 00	10
Floor layers	10	300	340	1,020 00	8

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

SASH, DOORS, LUMBER AND INTERIOR FINISH—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Foremen	12	299	$2 88	$861 12	10
Glassworkers	50	300	2 00	600 00	9
Helpers	8	300	2 00	600 00	8
Laborers	157	300	1 54	462 00	9.6
Laborers (boys)	16	305	1 23	375 15	9.7
Machine hands	101	290	2 57	745 30	9.5
Machine hands' helpers	4	312	1 65	514 80	10
Masons	7	308	4 00	1,232 00	8
Measurers	4	310	2 00	620 00	10
Mill hands	173	298	2 20	655 60	9.2
Pilers	2	325	1 75	568 75	10
Sawyers	6	277	2 63	728 51	10
Shippers	30	300	2 00	600 00	9
Tallymen	25	304	2 19	665 76	9.2
Teamsters	90	300	1 91	573 00	9.9
Turners	4	270	2 40	648 00	10
Watchmen	3	308	1 68	517 44	10.7
Wood turners	2	265	2 00	530 00	7
Woodworkers	25	300	2 16	648 00	9
Yard hands	142	297	1 71	507 87	9.9
SLAUGHTERING AND MEAT PACKING—8 ESTABLISHMENTS.					
Butchers	130	306	2 35	719 10	10
Butchers' helpers	11	312	2 00	624 00	10
Carpenters	10	312	2 50	780 00	10
Curers	2	280	2 00	560 00	10
Engineers	15	308	2 87	883 96	10.4
Fireman	1	280	1 75	490 00	10
Hostler	1	313	2 00	626 00	10
Laborers	304	311	1 74	541 14	10
Machinists	10	312	2 75	858 00	10
Packers	75	312	2 25	702 00	10
Sausage makers	12	290	2 06	597 40	9.9
Teamsters	48	308	2 38	733 04	10
Watchmen	2	296	2 38	704 48	11
SOAP, CANDLES AND TALLOW—5 ESTABLISHMENTS.					
Engineers	2	306	2 30	703 80	10
Hostler	1	306	2 00	612 00	10
Laborers	15	312	1 59	496 08	9.5
Rendering hands	3	306	1 50	459 00	10
Soapmakers	5	315	1 87	589 05	10
Teamsters	9	306	2 00	612 00	10
Watchmen	2	306	1 50	459 00	14
SODA AND MINERAL WATERS—10 ESTABLISHMENTS.					
Bottlers	12	282	2 29	645 78	9.3
Bottle washers	10	277	1 06	293 62	9
Drivers	95	303	2 04	618 12	9
Foreman	1	300	2 50	750 00	10
Helpers	3	300	2 21	663 00	10
Hostlers	3	258	1 50	387 00	9.3
Ice cream maker	1	180	2 50	450 00	3
Laborers	6	300	1 43	429 00	9.5
STEEL, IRON AND TIN—9 ESTABLISHMENTS.					
Annealers	386	298	1 76	524 48	11.4
Barb fence makers	202	300	1 95	585 00	11.5
Billet hands	2	259	1 60	414 40	10
Blacksmiths	8	283	2 46	696 18	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

STEEL, IRON AND TIN—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blacksmiths' helpers	6	276	$1 79	$494 04	10
Blast furnace hands	277	300	1 84	552 00	11
Bloom hands	233	299	2 28	681 72	10.4
Bottom fillers	22	259	2 20	569 80	12
Carpenters	3	277	2 60	720 20	10
Catchers	22	265	3 02	800 30	8.4
Chemists	3	306	2 78	850 68	10
Cinder hands	2	306	2 20	673 00	10
Clay hand	1	306	1 50	459 00	10
Cold rollers	17	267	1 32	352 44	10
Copperas hands	6	300	1 52	456 00	10
Constructors	161	300	1 96	588 00	10
Converters	266	300	2 21	663 00	10.5
Door hands	2	250	1 60	400 00	10
Doublers	18	267	6 39	1,706 13	8
Doublers' helpers	2	259	2 25	582 75	10
Draughtsmen	26	300	2 70	810 00	8
Electricians	39	299	2 19	654 81	11
Engineers	25	279	2 61	728 19	11.5
Engineers' assistants	4	282	1 95	550 40	12
Erectors	9	312	4 00	1,248 00	8
Fillers' helpers	21	306	2 05	627 30	12
Finishers	4	254	2 60	660 40	10
Firemen	28	266	1 87	497 42	11
Foremen	13	282	3 27	922 14	10.3
Foundry hands	61	300	1 88	564 00	10
Galvanizers	184	300	2 11	633 00	12
Gasmakers	316	299	1 91	571 09	11.9
Heaters	34	263	6 59	1,733 17	8.9
Heaters' helpers	18	257	3 67	943 19	10
Helpers	30	310	2 20	682 00	10.7
Hookers	4	259	2 00	518 00	10
Iron carriers	12	306	2 60	795 60	12
Ironworkers	6	298	2 60	774 80	10
Keepers'	2	306	2 55	780 30	12
Laborers	561	267	1 45	387 15	10
Laboratory hands	20	300	2 20	660 00	10
Levelers	4	250	2 30	575 00	10
Machinists	11	262	2 87	751 94	10
Markers	4	250	4 00	1,000 00	10
Masons	2	263	2 75	723 25	10
Millwright	1	259	3 60	932 40	10
Millwright's helper	1	259	1 60	414 40	10
Nailmakers	553	300	1 86	558 00	11.5
Oilers	3	306	1 80	550 80	11.3
Openers	12	267	1 65	440 55	8
Open hearth hands	85	300	2 33	699 00	12
Packers	235	300	1 65	495 00	11
Picklers	10	267	1 95	520 65	10
Puddlers	96	259	8 79	2,276 61	8.3
Railway employes	10	306	2 50	765 00	12
Risers	22	267	1 88	501 96	10
Rod mill hands	465	300	2 90	870 00	11.5
Rollers	32	263	11 27	3,250 01	8.9
Roll turners	4	262	3 45	903 90	10
Roofers	4	312	3 00	936 00	10
Roughers	85	258	3 64	939 12	10
Screw hands	2	250	5 00	1,250 00	10
Screw hands (boys)	18	267	1 55	413 85	8
Shipping clerks	132	290	1 68	487 20	10.8
Shearmen	52	254	2 17	551 18	9.8
Shearmen's helpers	22	260	1 65	429 00	10
Shop hands	726	300	2 13	639 00	10
Stockkeepers	10	250	1 85	462 50	10
Straighteners	112	298	1 89	563 22	10.4
Stranders	12	259	3 40	880 60	10
Teamster	1	298	1 00	298 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

STEEL, IRON AND TIN—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Telegraphers	10	260	$3 45	$897 00	10
Tinners	106	293	2 25	659 25	10.4
Tongsmen	4	250	3 50	875 00	10
Top fillers	6	306	2 35	719 10	8
Trackmen	2	306	1 50	459 00	10
Transfermen	4	250	2 30	575 00	10
Water tenders	8	278	2 18	607 64	11.5
Watchmen	3	275	1 75	481 25	11.3
Wheelers	6	257	1 72	442 04	10.
Weighers	2	306	2 20	673 20	12
Wire drawers	1,149	299	2 32	693 68	10.9
Yard hands	813	300	2 03	609 00	11
STENCILS, STAMPS AND SEALS—4 ESTABLISHMENTS.					
Engraver	1	300	2 50	750 00	9
Laborer (boy)	1	300	60	180 00	9
Press hand	1	310	1 50	465 00	9
Printers	3	300	2 08	624 00	9
Stampmakers	3	306	3 05	933 30	9
Steel cutter	1	300	2 50	750 00	9
Stencil cutters	3	311	2 37	737 07	8.7
STONE (CUT, SAWED AND ARTIFICIAL)—6 ESTABLISHMENTS.					
Asphalt workers	24	260	2 21	374 60	10
Blacksmiths	48	239	2 02	482 78	10
Carpenters	15	238	2 00	476 00	10
Cutters	6	273	3 58	977 34	8.5
Draughtsmen	2	300	3 00	900 00	8
Drillers	9	258	1 90	490 20	10
Engineers	93	240	2 35	564 00	10
Firemen	5	260	2 00	520 00	10
Foremen	8	260	3 00	780 00	10
Laborers	783	253	1 55	392 15	10
Lathe hands	19	238	1 70	404 60	10
Loaders	2	258	2 08	536 64	10
Mill hands	73	240	2 01	482 40	10.2
Moulders	4	300	2 25	675 00	9.5
Patternmakers	5	300	3 25	975 00	9.5
Pavement makers	30	260	3 50	910 00	9
Press boys	4	300	1 10	330 00	9
Quarrymen	654	239	1 83	437 37	10
Setters	4	260	4 00	1,040 00	8
Teamsters	25	247	1 87	461 89	10
Teamsters (with team)	25	260	3 50	910 00	10
STOVES, RANGES AND FURNACES—14 ESTABLISHMENTS.					
Assemblers	60	299	1 90	568 10	9
Blacksmiths	3	300	2 75	825 00	9.3
Bench hands	100	299	1 95	583 05	9
Braziers	6	298	2 10	625 80	9
Buffers	8	253	3 38	855 14	8.7
Carpenters	8	285	2 44	695 40	9.6
Closet makers	4	300	2 50	750 00	10
Craters	49	300	1 95	585 00	9.4
Cupola tenders	1	240	2 00	480 00	10
Doormaker	1	300	1 60	480 00	10
Engineers	8	294	2 50	735 00	9.8
Finishers	4	300	1 86	558 00	10
Fireman	1	305	1 50	457 50	10
Fitters	2	300	1 13	339 00	10
Foremen	14	304	3 00	912 00	9.9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

STOVES, RANGES AND FURNACES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Formers	2	300	$1 60	$480 00	10
Grinders	4	240	1 50	360 00	10
Helpers	7	300	1 75	525 00	8
Inspectors	7	298	2 24	667 52	9
Japanners	25	300	1 72	516 00	9.5
Laborers	296	272	1 64	446 08	9
Laborers (boys)	2	300	97	291 00	10
Machine hands	164	299	2 15	642 85	9.4
Machinists	17	280	2 87	803 60	8.8
Millwright	1	300	2 50	750 00	10
Moulders	133	255	2 98	759 90	8.7
Mounters	185	290	2 22	643 80	9.2
Oiler	1	300	1 75	525 00	10
Packers	2	300	2 00	600 00	10
Painters	4	300	2 00	600 00	10
Patternmakers	21	293	2 74	802 82	9.6
Platers	21	300	2 79	837 00	9.7
Polishers	70	293	2 74	802 82	9.8
Pressmen	69	302	2 18	658 36	9.6
Range builders	40	300	1 50	450 00	10
Repairers	3	300	2 00	600 00	10
Riveters	10	300	1 90	570 00	10
Shippers	3	300	1 67	501 00	10
Stockkeeper	1	305	2 50	762 50	10
Teamsters	8	302	1 90	573 80	9.6
Tinners	124	295	2 27	669 65	9.5
Toolmakers	38	301	3 00	903 00	9.7
Truckmen	6	300	1 75	525 00	9.5
Watchmen	2	302	1 83	552 66	11.5
TINWARE, SHEET-IRON AND GALVANIZED-IRONWARE—15 ESTABLISHMENTS.					
Apprentices	4	303	1 00	303 00	9.5
Blacksmith	1	300	2 85	855 00	10
Coopers	9	292	2 17	633 64	10
Diemakers	4	307	3 00	921 00	9
Electrician	1	292	2 00	584 00	10
Engineers	4	298	2 22	661 56	10.5
Fireman	1	292	2 00	584 00	10
Foremen	12	292	3 08	899 36	10
Galvanizers	6	306	2 25	688 50	10
Helpers	13	302	1 50	453 00	8.9
Laborers	266	298	1 51	449 98	9.9
Machine hands	44	304	1 57	477 28	9.4
Machinists	26	297	2 70	801 90	10
Mechanics	21	309	2 65	818 85	8.8
Millwrights	2	292	2 26	659 92	10
Press hands	57	303	1 66	502 98	9.6
Press hands' helpers	19	300	1 25	375 00	10
Printers	5	292	1 83	534 36	10
Shearmen	12	292	1 55	452 60	10
Shipping clerk	1	292	2 17	633 64	10
Slaters	12	300	3 36	1,008 00	8
Slaters' helpers	2	300	2 00	600 00	8
Solderers	35	292	1 81	528 52	10
Teamsters	4	287	1 88	539 56	9
Testers	4	292	1 75	511 00	10
Tinners	49	302	2 14	646 28	9
Toolmakers	10	313	2 47	773 11	9
Watchman	1	292	2 10	613 20	12
TOOLS—14 ESTABLISHMENTS					
Apprentices	4	282	1 36	383 52	8
Blacksmiths	3	297	2 83	840 51	8.7
Blacksmiths' helpers	2	305	2 03	619 15	9
Carpenter	1	305	2 50	762 50	9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

TOOLS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Engineers	6	301	$2 66	$800 66	9.8
Filers	18	283	1 75	495 25	10
Finishers	30	260	2 25	585 00	10
Foremen	22	300	3 85	1,155 00	10
Forgers	3	300	2 83	849 00	10
Grinders	25	283	2 23	631 09	10
Grinders' helpers	4	300	1 75	525 00	10
Helpers	3	300	2 00	600 00	10
Laborers	473	291	1 65	480 15	9.9
Machine hands	68	282	1 84	518 88	10
Machinists	374	288	2 19	630 72	9.3
Machinists' helpers	6	300	1 92	576 00	10
Patternmakers	2	305	2 25	686 25	9
Plater	1	300	3 50	1,050 00	10
Polishers	4	295	2 56	755 20	9.5
Porter	1	300	2 00	600 00	10
Roller	1	300	2 75	825 00	10
Sawmakers	10	300	2 75	825 00	10
Stock boys	2	300	90	270 00	10
Temperers	8	280	2 93	820 40	10
Tool dressers	8	260	1 40	364 00	10
Toolmakers	6	300	3 25	975 00	10
Turners	25	260	2 10	546 00	10
Vise hands	20	300	1 75	525 00	10
TRUNKS AND VALISES—5 ESTABLISHMENTS.					
Bagmakers	5	310	2 25	697 50	10
Casemakers	21	310	2 05	635 50	10
Helper	1	300	75	225 00	10
Leather workers	2	300	2 00	600 00	10
Telescope makers	3	310	1 75	542 50	10
Trunk makers	36	308	2 04	628 32	10
UMBRELLAS AND PARASOLS—3 ESTABLISHMENTS.					
Cutters	2	300	2 00	600 00	10
Errand boys	2	300	55	165 00	10
Framemakers	2	300	75	225 00	10
Handlemaker	1	300	2 00	600 00	10
Handle mounters	2	300	2 25	675 00	10
Repairers	3	304	1 75	532 00	9.3
Shipping clerk	1	300	2 00	600 00	10
Umbrella maker	1	300	1 85	555 00	8.5
WIRE RODS, WIRE CLOTH AND WIRE GOODS—12 ESTABLISHMENTS.					
Blacksmiths	7	264	2 61	689 04	9.4
Blacksmiths' helpers	8	300	1 75	525 00	9
Carpenters	29	300	2 48	844 00	9
Electricians	2	300	2 60	780 00	9
Electricians' helpers	2	300	2 60	780 00	9
Elevator hand	1	300	1 50	450 00	10
Engineers	4	300	3 04	912 00	9.2
Fence builders	8	209	1 94	405 46	10
Finisher	1	290	2 50	725 00	9
Fireman	1	300	1 75	525 00	11
Foremen	2	280	2 69	753 20	9.5
Galvanizers	5	300	2 50	750 00	9
Helpers	3	247	82	202 54	10
Ironworkers	117	286	2 25	643 50	9.2
Laborers	89	293	1 56	457 08	9.3
Machinists	26	300	2 69	807 00	9.2
Miscellaneous	40	300	1 75	525 00	9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

WIRE RODS, WIRE CLOTH AND WIRE GOODS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Moulders	40	300	$3 10	$930 00	9
Moulders' helpers	35	300	1 75	525 00	9
Painters	10	300	2 00	600 00	9
Patternmakers	20	300	3 50	1,050 00	9
Plater	1	290	2 50	725 00	9
Polishers	21	299	2 49	744 51	9
Shipping clerks	6	301	1 88	565 88	10
Spring bed makers	121	298	1 66	494 68	9.9
Staymakers	5	300	1 75	525 00	10
Teamsters	8	281	1 65	463 65	10
Watchman	1	300	1 50	450 00	12
Weavers	100	300	2 90	870 00	9
Wireworkers	16	277	1 79	495 83	9.5
Woodworkers	29	270	1 44	388 80	9
MISCELLANEOUS—34 ESTABLISHMENTS.					
Apprentices	7	270	76	205 20	9.3
Assemblers	2	306	1 25	382 50	9.5
Back tenders	4	312	1 50	468 00	10
Ballmakers	8	205	2 00	410 00	9
Beatermen and helpers	10	312	1 51	471 12	10
Bench hands	4	300	2 54	762 00	9
Blacksmiths	3	307	2 55	781 85	10
Blacksmiths' helpers	5	307	1 80	552 60	10
Cabinetmakers	319	291	2 25	654 75	9.9
Cardroom hands	22	306	1 70	520 20	10
Carpenters	3	273	2 42	660 65	10
Color mixers	3	190	2 50	476 00	10
Color mixers' helpers	3	190	1 25	237 50	10
Coopers	7	316	1 79	565 64	10
Cutters	2	248	2 68	664 64	10
Deposit box makers	3	307	2 25	690 75	10
Drill press hands	4	306	1 10	336 60	9
Dye house hands	30	306	1 65	504 90	10
Engineers	13	290	2 47	716 30	10.2
Errand boys	2	303	63	190 89	9.3
Feltmakers	3	312	1 83	581 94	10
Fillers	2	307	1 65	506 55	10
Finishers	155	291	2 24	651 84	9.9
Firemen	11	306	1 99	608 94	10
Fitters	6	328	3 33	1,092 24	8.3
Foremen	15	286	2 73	780 78	9.9
Frame maker	1	312	1 45	452 40	10
Grinders	3	312	1 50	468 00	10
Helpers	27	292	1 65	481 80	9
Instrument makers	3	290	2 75	797 50	10
Kilnmen	2	312	2 00	624 00	10
Knitters	3	298	2 00	596 00	10
Laborers	724	284	1 50	426 00	9.9
Laborers (boys)	341	288	83	239 04	9.9
Lockfitters	4	307	3 15	967 05	10
Machine hands	224	293	2 22	650 46	9.9
Machinists	33	272	2 40	652 80	9.7
Malters	5	153	2 14	327 42	9
Mechanics	5	306	2 75	841 50	9.5
Meter hand	1	300	3 50	1,050 00	9
Millers	3	340	2 67	907 80	10
Oilers	3	316	1 67	527 72	10
Ornamenter	1	307	3 00	921 00	10
Packers	3	231	2 17	501 27	8.7
Painters	13	272	1 76	478 72	10
Patternmaker	1	205	3 50	1,067 00	9
Pipe coverers	6	305	2 80	854 00	8
Plasterers	2	307	1 95	598 65	10

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Plater	1	307	$3 50	$1,074 00	10
Polishers	28	271	1 94	525 74	9.9
Porter	1	300	85	255 00	9
Printers	5	190	2 25	427 50	10
Rubbers	2	307	1 75	537 25	10
Safemakers	21	307	2 50	767 50	10
Spinner	1	300	1 50	450 00	6
Straighteners	3	307	2 50	767 50	10
Teamsters	3	304	1 50	456 00	9.3
Tenders	8	312	1 41	439 92	10
Tinners	14	300	2 50	750 00	9
Vault builders	9	307	2 65	813 55	10
Warehousemen	8	306	1 75	535 50	10
Watchmen	6	307	1 73	531 11	10.8
Weaver	1	300	1 50	450 00	9
Wheelers	4	312	1 50	468 00	10
Winders	2	190	1 00	190 00	10
Woodworkers	9	262	1 50	393 00	10
Yardmen	3	312	1 57	489 84	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
AWNINGS, TENTS AND FLAGS—4 ESTABLISHMENTS.					
Cutters	2	300	$2 00	$600 00	10
Inspector	1	300	1 75	525 00	10
Sailmakers	2	300	1 50	450 00	10
Sewers	35	301	1 22	367 22	10
BAGS (PAPER AND BURLAP)—4 ESTABLISHMENTS.					
Inspectors	6	308	85	251 80	10
Laborers	187	294	67	196 98	10
Packers	24	294	78	229 32	10
Pressfeeders	89	296	74	219 04	10
Rag pickers	14	325	62	201 50	9
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—4 ESTABLISHMENTS.					
Helpers	6	308	1 00	308 00	9
Inspectors	30	305	90	274 50	10
BOOTS AND SHOES—2 ESTABLISHMENTS.					
Fitters	159	300	93	279 00	10
Stitchers	35	294	98	288 12	10
Trimmers	39	300	84	252 00	10
BOXES (PAPER)—6 ESTABLISHMENTS.					
Boxmakers	133	241	95	228 95	9
Coverers	18	306	1 00	306 00	9.5
Feeder	1	300	1 60	480 00	9
Gluers	32	302	97	292 94	9.1
Handworkers	22	306	90	275 40	9.5
Helpers	51	271	50	135 50	9.8
Machine operators	79	298	84	250 32	9.9
Scrappers	10	300	1 00	300 00	9
BOXES (WOODEN)—5 ESTABLISHMENTS.					
Paperers	16	295	1 00	295 00	9.5
Trimmers	20	306	1 00	306 00	9
Waiter	1	306	1 25	382 50	10
BREAD AND OTHER BAKERY PRODUCTS—9 ESTABLISHMENTS.					
Bakers	9	288	86	247 68	9
Clerks	6	309	1 21	373 89	9.5
Helpers	27	302	75	226 50	10
Icers	17	294	77	226 38	9
Janitress	1	310	67	207 70	5
Labelers	4	283	1 00	283 00	9
Packers	65	295	77	227 15	9.6
Pretzel rollers	22	307	65	199 55	9
Wrappers	2	307	65	199 55	9
BROOMS AND BRUSHES—4 ESTABLISHMENTS.					
Assemblers	3	300	1 25	375 00	9
Brushmakers	25	300	1 00	300 00	9.8
Laborers	16	300	73	219 00	9
Machine hands	4	300	1 00	300 00	9

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

BUTTONS (PEARL)—2 ESTABLISHMENTS.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Assorter	1	290	$0 60	$174 00	9.5
Drillers	10	262	71	186 02	8.5
Engraver	1	290	58	168 20	9.5
Grinders	5	290	50	145 00	9.5
Sewers	17	262	70	183 40	8.4
Turners	10	290	54	156 60	9.5

CARRIAGE AND WAGON MATERIALS—1 ESTABLISHMENT.

Machine hands	10	150	1 25	187 50	10

CHEWING GUM—2 ESTABLISHMENTS.

Boxmakers	39	304	1 60	486 40	9
Gummakers	40	304	1 00	304 00	9.5
Laborers	14	304	1 00	304 00	9.5
Wrappers	228	304	85	258 40	9

CIGARS—33 ESTABLISHMENTS.

Banders	12	290	50	145 00	9.1
Bunchers	45	255	1 50	282 50	8
Cigarmakers	295	291	1 07	311 37	8.9
Packers	45	279	1 15	320 85	8.5
Pasters	2	290	65	188 50	9.1
Rollers	104	261	1 56	407 16	8
Strippers	125	281	88	525 28	8.3

CLOTHING—85 ESTABLISHMENTS.

Apprentices	6	301	17	51 17	8
Buttonhole makers	6	289	1 25	361 25	8.7
Button sewers	20	309	75	231 75	9
Clerks	30	305	1 00	305 00	9
Coatmakers	7	295	1 86	548 70	10
Cutters	4	297	1 28	380 16	9
Designer	1	305	2 00	610 00	9
Examiners	20	297	1 15	341 55	9.2
Finishers	473	296	1 42	420 32	8.9
Folders	4	305	85	259 25	9
Forewomen	5	305	1 35	411 75	9
Helpers	176	303	63	190 89	8.9
Inspector	1	280	1 33	372 40	9
Laborers	13	295	1 23	362 85	9.3
Machine hands	1,459	302	1 32	398 64	8.9
Manufacturers	14	301	1 67	502 67	8
Pressers	32	301	1 00	301 00	9.1
Seamstresses	143	301	1 20	361 20	9.3
Shirtmakers	30	300	1 25	375 00	9
Skirtmakers	204	298	1 20	357 60	9.4
Tailoresses	335	299	1 61	481 39	9
Trimmers	6	305	2 62	799 10	8.5
Trousermakers	11	288	1 76	506 88	9.9
Vestmakers	35	280	1 74	487 20	9.4

COFFEE, BAKING POWDER AND SPICES—1 ESTABLISHMENT.

Fillers	6	308	93	286 44	8

COFFINS AND BURIAL CASES—1 ESTABLISHMENT.

Trimmers	8	285	1 00	285 00	10

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
CONFECTIONERY—8 ESTABLISHMENTS.					
Bakers	7	315	$1 00	$315 00	10
Breakers	8	275	50	137 50	9.5
Candymakers	13	307	91	279 37	9.8
Chocolate dippers	32	299	96	287 04	9.2
Forewomen	2	280	1 17	327 60	9.8
Laborers	37	293	80	234 40	9.9
Labeler	1	286	75	214 50	10
Packers	21	303	74	224 22	9.9
Wrappers	49	309	74	228 66	10
COPPER AND BRASS GOODS—3 ESTABLISHMENTS.					
Apprentices	4	306	50	153 00	10
Coremakers	3	306	50	153 00	10
Feeders	6	300	1 00	300 00	9
Packers	6	300	1 00	300 00	9
COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—9 ESTABLISHMENTS.					
Apprentices	10	300	60	180 00	9
Assorters	97	299	86	257 14	9.9
Clerks	2	308	1 00	308 00	9.5
Clippers	18	302	40	120 80	10
Combers	23	308	77	237 16	9.5
Doublers	20	308	59	181 72	9.5
Drawers	70	308	65	200 20	9.5
Dressers	29	308	70	215 60	9.5
Examiners	15	308	1 09	335 72	9.5
Finishers	230	296	99	293 04	10
Forewomen	2	302	1 00	302 00	10
Knitters	210	286	92	263 12	9.5
Machine operators	40	300	68	204 00	9.3
Menders	38	308	93	286 44	9.5
Rag sorters	10	292	1 00	295 00	10
Pickers	62	308	70	215 60	9.5
Sewers	40	300	1 60	480 00	10
Shippers	5	308	1 23	378 84	9.5
Spinners	112	306	64	195 84	9.6
Trimmers	40	300	1 60	480 00	10
Twisters	42	308	80	246 40	9.5
Warpers	11	308	59	181 72	9.5
Weavers	277	304	1 09	331 36	9.7
Winders	126	303	1 00	303 00	9.9
DAIRY PRODUCTS—1 ESTABLISHMENT.					
Hokey-pokey makers	10	365	60	219 00	10
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—4 ESTABLISHMENTS.					
Clerks	2	300	1 00	300 00	9
Laborers	4	298	54	160 92	8.5
Shippers	2	300	1 33	399 00	10
ELECTRICAL GOODS AND SUPPLIES—13 ESTABLISHMENTS.					
Assemblers	30	250	1 50	375 00	9
Bench hands	2	295	80	236 00	8.7
Coil tapers	6	303	1 55	469 65	9.8
Electrical worker	1	300	1 17	351 00	10
Filament makers	10	275	1 25	343 75	9.5
Finishers	74	260	1 07	278 20	9.8
Glassworkers	10	275	1 25	343 75	9.5

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Labelers	3	287	$1 00	$287 00	9
Laborers	132	302	1 13	341 26	9.9
Lacquerers	3	283	1 00	283 00	8
Lampmakers	194	252	1 10	277 20	10
Packer	1	252	1 00	252 00	10
Pumping department hands	3	275	1 50	412 50	9.5
Stockkeepers	4	252	1 10	277 20	10
Testers	8	252	1 10	277 20	10
Winders	14	299	89	266 11	10
Wrappers	2	283	1 00	283 00	8
EXTRACTS, TOILET ARTICLES AND PERFUMERY—3 ESTABLISHMENTS.					
Bottlers	6	302	67	202 34	9.3
Helpers	19	329	65	213 85	8.8
Packers	3	360	83	289 80	8
Stockkeepers	1	306	75	229 50	8
FOUNDRY AND MACHINE SHOP PRODUCTS—12 ESTABLISHMENTS.					
Assorters	62	271	57	154 47	9.5
Cook	1	292	1 80	525 60	9
Cook's helpers	2	292	1 00	292 00	9
Cutters	24	300	95	285 00	10
Laborers	29	263	84	220 92	10
Machine hands	91	274	83	227 42	8.9
Nutters	88	300	84	252 00	9.8
Packers	105	281	73	205 13	9.6
Pieceworkers	52	243	96	233 28	10
Pointers	22	300	1 10	330 00	10
Tappers	8	286	2 00	572 00	9.6
Threaders	14	286	94	268 84	10
FURNITURE—2 ESTABLISHMENTS.					
Upholsterers	3	304	1 00	304 00	9
GAS MANTELS—3 ESTABLISHMENTS.					
Laborers	13	272	82	223 04	9
Shaper	1	275	1 25	343 75	9
Shipper	1	305	1 00	305 00	9
GUNPOWDER AND OTHER EXPLOSIVES—1 ESTABLISHMENT.					
Machine hands	20	300	80	240 00	8
Rollers	9	300	80	240 00	8
HARDWARE—4 ESTABLISHMENTS.					
Boxmakers	18	285	1 00	285 00	10
Fitters	68	285	1 10	313 50	9
Forewomen	1	285	2 20	627 00	10
Laborers	10	250	1 00	250 00	10
Packers	41	289	1 07	309 23	9.3
Polisher	1	285	1 20	342 00	9
Plater	1	250	1 00	250 00	10
Press hands	40	294	1 18	346 92	10
HARNESS AND SADDLERY—1 ESTABLISHMENT.					
Machine hand	1	300	1 50	450 00	10

TABLE IV*a*—MANUFACTURES—CLEVELAND—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
HATS, CAPS AND FURNISHINGS—7 ESTABLISHMENTS.					
Boxmakers	5	275	$0 63	$173 25	9
Capmakers	3	303	1 56	472 68	9.2
Laborers	10	275	1 00	275 00	9
Liners	2	306	1 00	306 00	9.5
Machine hands	60	279	1 39	387 81	9.1
Seamstresses	20	275	1 15	316 25	9
Trimmers	6	305	79	240 95	9.3
INKS—1 ESTABLISHMENT.					
Paint makers	2	270	1 00	270 00	9
JEWELRY AND WATCHES—1 ESTABLISHMENT.					
Cleaners	4	303	1 35	409 05	9
LIQUORS (MALT)—2 ESTABLISHMENTS.					
Bottlers	2	312	0 75	234 00	9
Labelers	1	310	1 00	310 00	10
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—2 ESTABLISHMENTS.					
Artist	1	322	1 00	322 00	8.5
Helpers	3	300	75	225 00	9
Wrappers	5	302	76	229 52	9.2
MACARONI—2 ESTABLISHMENTS.					
Packers	27	300	98	294 00	10
MACHINERY—2 ESTABLISHMENTS.					
Laborers	5	284	1 10	312 40	10
Seamstresses	6	283	1 12	316 96	10
Stockkeepers	5	283	1 25	353 75	10
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Cutter	1	306	1 25	382 50	8
Finishers	8	305	1 56	475 80	8.3
Machine hands	11	302	1 57	474 14	8.6
Tickmakers	8	300	1 50	450 00	9
OIL AND GREASE—1 ESTABLISHMENT.					
Candle decorators	8	298	1 15	342 70	9
Candle fitters	8	298	1 00	298 00	9
Candle packers	23	298	1 00	298 00	9
Carton makers	4	298	1 10	327 80	9
Printers	3	298	1 00	298 00	9
Wick sewer	1	298	1 10	327 80	9

TABLE IVa—MANUFACTURES—CLEVELAND—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
PAINTS AND VARNISHES—9 ESTABLISHMENTS.					
Assemblers	2	300	$0 75	$225 00	9
Binders	22	300	68	204 00	9.5
Colormaker	1	293	1 73	506 89	10
Compositors	4	297	1 21	359 37	9.6
Labelers	30	292	1 30	379 60	8.9
Laundress	1	300	1 25	375 00	9
Packers	3	302	1 56	471 12	9
Paintmakers	8	293	1 00	293 00	10
Paster	1	300	1 08	324 00	9
Samplers	32	294	87	255 78	6.8
Solderers	3	300	2 10	630 00	10
Waitresses	11	300	1 95	585 00	10
PATTERNS AND MODELS—1 ESTABLISHMENT.					
Patternmakers	2	303	1 41	427 23	9
PIANOS AND OTHER MUSICAL INSTRUMENTS—2 ESTABLISHMENTS.					
Assembler	1	293	1 25	366 25	10
Laborers	2	310	1 00	310 00	7
PLUMBING AND GAS FITTING SUPPLIES—2 ESTABLISHMENTS.					
Wrappers	7	300	88	254 00	9
PRINTING AND BINDING—37 ESTABLISHMENTS.					
Apprentices	2	304	1 04	316 16	8.5
Binders	223	295	94	277 30	9.1
Clerk	1	281	75	210 75	8
Compositors	4	303	1 63	493 89	9.3
Folders	30	298	78	232 44	9
Forewomen	2	293	1 15	336 95	9
Janitress	1	310	1 10	341 00	9
Machine hands	7	293	97	284 21	9
Mail clerk	1	208	1 00	208 00	9
Pressfeeders	71	287	1 22	350 14	9
Proofreaders	5	270	1 67	450 90	9.1
Sewers	13	305	1 37	417 85	9
RUBBER GOODS—1 ESTABLISHMENT.					
Blower	1	270	1 25	337 50	10
Collarmakers	2	306	83	253 98	9
Day workers	100	290	1 00	290 00	8
Forewomen	1	270	1 50	405 00	10
Hammerer	1	270	1 00	270 00	10
Laborer	1	270	1 00	270 00	10
Packer	1	270	1 00	270 00	10
RUGS AND CARPET CLEANING—2 ESTABLISHMENTS.					
Carpet sewers	3	292	1 00	292 00	10
Pressers	15	292	1 25	365 00	10
Seamstresses	11	297	92	273 24	8.9
SLAUGHTERING AND MEAT PACKING—1 ESTABLISHMENT.					
Laborers	18	312	1 15	358 80	11

TABLE IVa—MANUFACTURES—CLEVELAND—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
SOAP, CANDLES AND TALLOW—1 ESTABLISHMENT.					
Wrappers	2	300	$0 75	$225 00	8
SODA AND MINERAL WATERS—1 ESTABLISHMENT.					
Laborers	18	310	0 75	232 50	9
STEEL, IRON AND TIN—2 ESTABLISHMENTS.					
Assorters	13	267	1 25	333 75	10
Packers	73	300	93	279 00	10
STENCILS, STAMPS AND SEALS—1 ESTABLISHMENT.					
Type cutter	1	300	1 00	300 00	8
STOVES, RANGES AND FURNACES—2 ESTABLISHMENTS.					
Decorators	3	305	0 75	228 75	10
Painters	8	300	1 50	450 00	10
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—4 ESTABLISHMENTS.					
Laborers	95	294	0 77	226 38	9.9
Letter trimmers	5	306	95	290 70	8
Machine operators	10	292	1 00	292 00	10
Press hands	36	292	1 09	318 28	10
Solderers	20	292	1 25	365 00	10
TRUNKS AND VALISES—2 ESTABLISHMENTS.					
Bagmakers	2	310	1 25	387 50	9
Casemakers	6	310	1 00	310 00	8.5
Telescope maker	1	310	1 00	310 00	9
Trunkmakers	5	310	1 02	316 20	8.6
UMBRELLAS AND PARASOLS—3 ESTABLISHMENTS.					
Casemakers	1	300	1 00	300 00	9.5
Covermakers	20	300	75	225 00	9.5
Examiner	1	300	50	150 00	9.5
Hemmer	1	300	1 00	300 00	9.5
Laborers	4	300	95	285 00	8.8
Repairer	1	300	1 08	324 00	9.5
Seamers	4	300	1 00	300 00	9.5
Tie hands	2	300	75	225 00	9.5
WIRE RODS, WIRE CLOTH AND WIRE GOODS—4 ESTABLISHMENTS.					
Seamstresses	11	300	1 30	390 00	8
Spoolers	9	299	85	254 15	10
Spring bed makers	24	280	90	252 00	9.3
Weavers	43	298	1 03	306 94	9
MISCELLANEOUS—11 ESTABLISHMENTS.					
Assorters	21	306	1 00	306 00	10
Ballmakers	2	205	1 00	205 00	9
Bottlers	2	300	75	225 00	9
Cutters	8	312	75	306 94	10
Finishers	10	298	75	223 50	9
Knitters	100	298	1 00	298 00	9
Laborers	8	298	79	235 42	9.1
Packers	10	298	75	223 50	10
Paper rollers	2	190	1 00	190 00	10
Reelers	2	285	83	236 55	9
Sewers	19	313	1 07	334 91	8.3

TABLE IV*aa*—MANUFACTURES—CLEVELAND.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Advertising novelties and signs	Draughtsman	1	10	.....
" " "	Electricians	4	10	.....
" " "	Laborers	2	10	.....
" " "	Signmakers	2	10	.....
" " "	Tinners	2	10	.....
Billiard tables, bar and store fixtures	Finishers	9	.....	10
" " " "	Laborers	16	.....	5
Boilers, engines and tanks	Boilermakers	17	8	.....
" " "	Machinists	14	.....	5
Boxes (paper)	Cutter	1	14	.....
Boxes (wooden)	Filers	2	6	.....
"	Machine hands	8	4	.....
" "	Nailers	8	1	.....
" "	Nailers' helpers	5	3	.....
" "	Sawyers	20	2	.....
" "	Sawyers' helpers	10	3	.....
" "	Watchman	1	.....	3
Bread and other bakery products	Baker	9	5	.....
Brick and tile	Burners	2	18.1	.....
" "	Burners	2	.....	3.9
" "	Cranemen	2	14.4	.....
" "	Drum man	1	.....	33.3
" "	Engineers	3	12.9	.....
" "	Hoister	1	12.5	.....
" "	Laborers	20	.....	6
" "	Laborers (boys)	1	13.5	.....
" "	Pallet boys	2	1.8	.....
" "	Puller	1	.....	9
" "	Sand boys	2	1.8	.....
" "	Setters	3	10	.....
" "	Temperer	1	14.1	.....
" "	Teamsters	2	14.1	.....
" "	Trackmen	1	6	.....
Clothing	Bushelers	9	8.8	.....
"	Coatmakers	4	10	.....
"	Cutters	10	10	.....
"	Designers	3	.....	25
"	Examiners	2	5	.....
"	Fitters	6	10	.....
"	Cutters	21	11.5	.....
"	Cutters	1	.....	11.1
"	Cutters' assistant	1	20	.....
"	Machine operators	12	10	.....
"	Nailers	3	10	.....
"	Porter	1	16.6	.....
"	Pressers	22	10	.....
"	Shipper	1	12.5	.....
"	Tailors	110	9.3	.....
"	Trousermaker	1	10	.....
"	Vestmaker	1	10	.....
Coffee, baking powder and spices	Mill hands	2	10	.....
" " "	Teamster	3	1	.....
" " "	Washer	1	20	.....
Confectionery	Mixer	2	18	.....
"	Pressman	1	18	.....
"	Roaster	1	18	.....
"	Shakers	2	10	.....
"	Weigher	1	10	.....
Copper and brass goods	Buffers	3	10	.....
" "	Polishers	3	10	.....
Cotton and woolen goods (knit & woven)	Machine operators	5	10	.....
" " " "	Weavers	20	20	.....
Dairy products	Laborers	55	5	.....
Drugs, chemicals & druggists' sundries	Blacksmiths' helpers	4	4	.....
" " " "	Boilermakers	2	.....	10
" " " "	Carpenters	27	1	.....
" " " "	Laborers	16	5.2	.....
" " " "	Laborers	362	.....	12
" " " "	Machinists	3	10	.....
" " " "	Machinists' helpers	2	20	.....
" " " "	Masons	7	.....	10
" " " "	Painters	1	.....	1

TABLE IV*aa*—MANUFACTURES—CLEVELAND—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Drugs, chemicals & druggists' sundries	Pipefitters	4	.....	10
" " " "	Pipefitters' helpers	4	10	.....
" " " "	Plumbers	6	.....	7
Electrical goods and supplies	Assemblers	10	5	.....
" "	Carpenter	1	10	.....
" "	Coilmakers	14	23	.....
" "	Commutator builders	2	25	.....
" "	Engineer	1	.....	10
" "	Fitters	8	10	.....
" "	Laborers	2	10	.....
" "	Machinists	8	6.2	.....
" "	Storekeepers	2	21.6	.....
" "	Taperer	1	10	.....
" "	Tinners	3	.....	2
Foundry and machine shop products	Apprentices	3	10	.....
" " "	Blacksmith	1	28	.....
" " "	Chainmakers	13	.....	5
" " "	Chippers	30	10	.....
" " "	Coremakers	72	.....	5.7
" " "	Engineers	2	10.5	.....
" " "	Firemen	4	8.6	.....
" " "	Furnacemen	18	.....	6.1
" " "	Headers	55	.....	5.3
" " "	Helpers	23	.....	8.7
" " "	Laborers	75	10	.....
" " "	Laborers	694	.....	5.7
" " "	Machine operators	15	3	.....
" " "	Machinists	125	4.4	.....
" " "	Machinists	21	.....	3.5
" " "	Machinists' helper	1	.....	10
" " "	Millwright	1	.....	10
" " "	Moulders	273	.....	9.3
" " "	Moulders' helpers	8	.....	10
" " "	Nutmakers	1	44	.....
" " "	Nutmakers	60	.....	5
" " "	Patternmakers	24	.....	2
" " "	Piece workers	40	.....	4
" " "	Shippers	2	44	.....
" " "	Shippers	2	.....	10
Furniture	Finishers	9	12.4	.....
"	Upholsterers	28	11.4	.....
Gas and electricity	Hostlers	4	.....	8
" "	Laborers	50	.....	1.5
" "	Lampmakers	5	.....	3
" "	Meter men	14	.....	1
" "	Timekeepers	9	.....	11
Gas mantels	Assemblers	1	.....	3.4
"	Inspectors	2	.....	12
"	Machinists	4	.....	3.5
"	Painters	2	.....	11.1
"	Patternmaker	1	.....	4.8
"	Shipper	1	.....	11.7
Hardware	Assemblers	12	10	.....
"	Canmakers	3	3	.....
"	Machinists	5	.....	10
"	Machinists' helpers	6	10	.....
"	Metal stampers	30	7.6	.....
"	Packers	6	10	.....
"	Porter	1	100	.....
"	Press hands	8	.....	10
"	Timekeeper	1	20	.....
Harness and saddlery	Harness makers	2	.....	12.5
Hats, caps and furnishings	Blocker	1	5	.....
" "	Capmakers	8	5	.....
" "	Cutter	1	5	.....
Inks	Inkmakers	4	4.7	.....
"	Inkmakers' helper	1	10	.....
"	Laborer (boy)	1	10	.....
"	Paintmakers	11	3	.....
Jewelry and watches	Apprentices	7	10	.....
" "	Engravers	6	10	.....
" "	Jewelers	5	10	.....

TABLE IV*aa*—MANUFACTURES—CLEVELAND—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Jewelry and watches	Polisher	1	10	.....
Leather and leather goods	Beamsters	2	1	.....
Lithographing, engrav'g & electrotyp'g	Apprentices	4	10	.....
" " "	Artists	5	10	.....
" " "	Blockers	2	10	.....
" " "	Builder	1	11.5	.....
" " "	Casters	2	9	.....
" " "	Engravers	25	5.5	.....
" " "	Finishers	4	9	.....
" " "	Moulders	1	9.5	.....
Machinery	Apprentices	65	11.8	.....
"	Apprentices	8	.....	36.5
"	Blacksmiths	15	10	.....
"	Blacksmiths	1	.....	10
"	Blacksmiths' helpers	2	27	.....
"	Bridge workers	140	2.5	.....
"	Carpenters	7	11	.....
"	Carpenters	2	.....	2
"	Coremakers	21	3	.....
"	Coremakers	2	.....	7.5
"	Draughtsmen	6	.....	15.6
"	Drillers	4	5	.....
"	Electricians	7	13	.....
"	Engineer	1	5	.....
"	Foreman	1	25	.....
"	Foremen	15	.....	22
"	Helpers	9	6.6	.....
"	Laborers	2	5	.....
"	Laborers	19	.....	3
"	Machinists	335	7.3	.....
"	Machinists	120	.....	14.6
"	Machinists' helpers	36	9.1	.....
"	Masons	3	9.5	.....
"	Melters	7	8	.....
"	Melters	2	.....	7.5
"	Millwright	1	10	.....
"	Moulders	38	5	.....
"	Moulders	12	.....	10
"	Oiler	1	.....	4
"	Painters	16	5.1	.....
"	Painters	12	.....	20.7
"	Patternmakers	46	5.5	.....
"	Pipefitters	3	.....	3
"	Press hands	2	5	.....
"	Shipper	1	6	.....
"	Storekeepers	3	.....	8.5
"	Structural workers	39	11.5	.....
"	Toolmakers	27	1.3	.....
"	Yard men	55	8.3	.....
Marble and granite	Copers	3	5	.....
" "	Laborers	12	5	.....
" "	Mosaic workers	25	8	.....
" "	Polishers	18	5	.....
Mouldings and frames	Finishers	65	5	.....
" "	Joiners	11	5	.....
" "	Laborers	5	2	.....
" "	Ornamenters	20	2	.....
" "	Packers	8	3	.....
" "	Woodworkers	11	5	.....
Paints and varnishes	Colormakers	3	.....	11
" "	Packers	2	11	.....
" "	Paintmakers	8	22	.....
" "	Varnish makers	4	....	4.8
" "	Varnish makers' helpers	3	2.5	.....
Plating	Apprentices	3	5	.....
"	Platers	2	5	.....
"	Polishers	9	5	.....
"	Teamster	1	18	.....
Plumbing and gas fitting supplies	Apprentice	1	50	.....
" " "	Laborers	4	7	.....
" " "	Machine hands	14	10	.....
" " "	Moulders	5	25	.....

TABLE IV*aa*—MANUFACTURES—CLEVELAND—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Printing and binding	Apprentices	2	10	.....
" "	Artists	2	2	.....
" "	Binders	15	9.5	.....
" "	Cutters	5	5	.....
" "	Compositors	188	6.2	.....
" "	Electrotypers	9	12.8	.....
" "	Electrotypers' helpers	2	20	.....
" "	Errand boys	7	9.7	.....
" "	Feeders	50	8.7	.....
" "	Finishers	2	7.5	.....
" "	Mailers	6	27.3	.....
" "	Moulder	1	8	.....
" "	Packers	3	10	.....
" "	Porter	1	11.5	.....
" "	Pressmen	51	6.3	.....
" "	Pressmen's assistants	2	12.5	.....
" "	Proofreaders	3	5.3	.....
" "	Rulers	4	6.7	.....
" "	Stereotypers	3	8	.....
" "	Stone men	3	3	.....
" "	Teamster	1	11	.....
Roofing (steel, iron and tin)	Helpers	4	10	.....
" "	Slaters	6	10	.....
" "	Tinners	9	10	.....
Sash, doors, lumber and interior finish	Bench hands	2	8	.....
" " "	Carpenters	10	5	.....
" " "	Engineer	1	8	.....
" " "	Glassworkers	50	5	.....
" " "	Helpers	8	66.7	.....
" " "	Laborers	4	8	.....
" " "	Laborers	90	.....	71.4
" " "	Laborers (boys)	5	5	.....
" " "	Machine hands	2	5.8	.....
" " "	Shippers	30	5	.....
" " "	Teamsters	3	8	.....
Slaughtering and meat packing	Engineer	1	.....	10
Steel, iron and tin	Annealers	21	.....	16.7
" "	Billet men	2	.....	7.5
" "	Blacksmiths	2	.....	8.2
" "	Bloom men	2	.....	7.5
" "	Catchers	4	.....	7.5
" "	Catchers	18	4.3	.....
" "	Cold rollers	17	.....	7.6
" "	Doublers	18	7.3	.....
" "	Doublers' helpers	2	.....	7.5
" "	Electrician	1	.....	6.2
" "	Engineers	4	.....	7.6
" "	Finishers	2	.....	7.5
" "	Firemen	10	.....	6.2
" "	Heaters	14	.....	5.7
" "	Heaters	18	10.2	.....
" "	Heaters' helpers	14	.....	5.7
" "	Hookers	4	.....	7.5
" "	Ironworkers	6	.....	5
" "	Laborers	450	.....	5
" "	Machinists	6	.....	7.6
" "	Picklers	10	.....	2.9
" "	Puddlers	96	.....	5.4
" "	Risers	22	.....	21.7
" "	Rollers	30	.....	5.8
" "	Rollers	18	3.1	.....
" "	Roll turners	64	.....	5.1
" "	Roughers	2	.....	7.5
" "	Screw boys	18	3.3	.....
" "	Shear men	6	10.1	.....
" "	Shear men	11	.....	2
" "	Shearmen's helpers	22	.....	2
" "	Straighteners	6	.....	7.5
" "	Stranders	12	.....	7.5
" "	Telegraphers	10	.....	5
" "	Tin men	22	.....	17.5
" "	Wireworkers	2	.....	5

TABLE IV*aa*—MANUFACTURES—CLEVELAND—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Stone, (cut, sawed and artificial)	Draughtsmen	2	.....	3 3
" " "	Laborers	3	9	.....
" " "	Moulders	4	12.5	.....
" " "	Patternmakers	5	8.3	.....
Stoves, ranges and furnaces	Assemblers	42	5	.....
" "	Brazers	6	5	.....
" "	Carpenters	1	5	.....
" "	Craters	13	5	.....
" "	Inspectors	6	5	.....
" "	Japanners	10	5	.....
" "	Laborers	46	5	.....
" "	Machine operators	56	5	.....
" "	Machinists	11	5	.....
" "	Solderers	56	5	.....
Tinware, sheet-iron and galv.-iron ware	Tinners	8	5	.....
Tools	Apprentices	4	6.2	.....
"	Laborers	3	22.2	.....
"	Machinists	32	3.7	....
"	Machinists' helpers	5	10	.....
"	Plater	1	.....	10
"	Polisher	1	10	.....
"	Polisher	2	.....	10
"	Press hands	8	10	.....
"	Roller	1	10	.....
Wire rods, wire cloth and wire goods	Machinists	4	10	.....
" " "	Spring bed makers	7	20	.....
" " "	Teamsters	3	10	.....
" " "	Wire mattress makers	7	31	.....
" " "	Woodworkers	29	.....	15
Miscellaneous	Blacksmiths	3	2	.....
"	Blacksmiths' helpers	5	3	.....
"	Cabinetmakers	3	....	2
"	Filers	2	.....	6
"	Foremen	5	18	.....
"	Laborers	13	5.4	.....
"	Lockfitters	4	7	.....
"	Machine hands	22	6	.....
"	Machinists	10	.....	4
"	Painters	3	.....	22
"	Pipe coverers	6	12.5	.....
"	Polishers	4	9	.....
"	Safemakers	21	25	.....
"	Vault buidlers	9	10	.....
"	Watchmen	2	3	.....
Totals and averages	.....	3,100	8.2	.....
		3,093	.....	9.3

TABLE IVaa—MANUFACTURES—CLEVELAND—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Cigars	Bunch breakers	45	5	.....
"	Cigarmaker	1	.....	10
"	Packers	15	5	.....
"	Strippers	54	6.3	.....
"	Strippers	1	.....	10
Clothing	Apprentices	6	10	.....
"	Finishers	140	6.4	.....
"	Laundresses	10	10	.....
"	Machine operators	173	9.8	.....
"	Manufacturers	14	10	.....
"	Shirtmakers	42	10	.....
"	Trimmers	6	10	.....
Confectionery	Packers	4	.....	20
Cotton & woolen goods (knit & woven	Finishers	60	12	.....
" " "	Knitters	160	16	.....
" " "	Machine operators	30	5	.....
" " "	Sewers	40	8	.....
" " "	Trimmers	40	8	.....
" " "	Winders	80	15	.....
Electrical goods and supplies	Taperers	2	10	.....
Foundry and machine shop products	Machine operators	47	1.2	.....
" " "	Packers	15	15	.....
" " "	Piece workers	40	22	.....
Hardware	Press hands	40	5	.....
Hats, caps and furnishings	Capmaker	1	10	.....
" "	Liners	2	10	.....
" "	Trimmers	5	10	.....
Paints and varnishes	Compositors	2	5	.....
" "	Labelers	2	5	.....
Printing and binding	Binders	55	6.8	.....
" "	Compositor	1	15	.....
" "	Feeders	8	11.8	.....
" "	Folder	1	10	.....
Wire rods, wire cloth and wire goods	Spring bed maker	16	5	.....
" " "	Weavers	3	.....	6
Totals and averages		1,152	9.8	.....
		9	.....	13.1

TABLE IV*b*—MANUFACTURES—COLUMBUS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
AWNINGS, TENTS AND FLAGS—4 ESTABLISHMENTS.					
Awning hangers	8	281	$2 25	$632 25	10
Awning hangers' helpers	2	312	2 00	624 00	10
Cutters	2	303	1 75	530 25	9.5
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES.—2 ESTABLISHMENTS.					
Blacksmith	1	300	2 50	$750 00	10
Laborers	5	300	1 35	405 00	10
Machinists	28	300	2 45	735 00	10
BILLIARD TABLES, BAR AND STORE FIXTURES—4 ESTABLISHMENTS.					
Assemblers	2	330	1 50	$459 00	10
Cabinetmakers	32	315	2 70	850 50	9.8
Carver	1	300	3 00	900 00	9
Engineers	2	315	2 13	670 95	10
Finishers	4	300	2 25	675 00	9.5
Foremen	10	330	2 50	825 00	10
Glaziers	3	301	2 50	752 50	10
Laborers	22	328	1 45	475 60	10
Machine hands	16	315	2 31	727 65	9.6
Packers	7	321	1 43	459 03	10
Plumber	1	300	3 00	900 00	8
Sander	1	304	75	228 00	10
Varnishers	8	330	1 75	577 50	10
Warehouse hands	3	330	1 75	577 50	10
Woodworkers	30	330	2 00	660 00	10
Yard hands	3	330	1 50	459 00	10
BOILERS, ENGINES AND TANKS—7 ESTABLISHMENTS.					
Apprentices	5	324	1 00	324 00	10
Blacksmiths	4	288	2 75	792 00	10
Blacksmiths' helpers	2	273	1 50	409 50	10
Boilermakers	14	305	2 58	786 90	9.8
Boilermakers' helpers	3	300	1 60	480 00	10
Carpenters	2	273	2 25	614 25	10
Coremakers	5	273	1 75	477 75	10
Draughtsman	1	306	3 00	918 00	10
Engineers	3	295	1 83	539 85	10
Laborers	35	291	1 38	401 58	9.3
Laborer (boy)	1	306	50	153 00	10
Lathe hands	3	312	1 42	443 04	9
Machine hands	6	308	1 87	575 96	10
Machinists	64	288	2 53	728 64	10
Machinists' helpers	15	273	1 50	409 03	10
Moulders	22	273	2 51	682 50	10
Moulders' helpers	12	273	1 50	409 50	10
Painters	2	273	2 00	546 00	10
Patternmakers	4	292	2 92	852 64	9.8
Sheet-iron worker	1	306	2 25	688 50	10
Watchman	1	273	1 75	477 75	10
BOOTS AND SHOES—7 ESTABLISHMENTS.					
Bottomers	819	306	1 60	489 60	9.6
Cutters	272	308	1 73	532 84	9.7
Finishers	55	305	1 56	475 80	10
Foremen	7	306	3 50	1,071 00	10
Helpers	10	307	50	153 50	10
Lasters	327	308	1 85	569 80	10
Packers	12	306	1 50	459 00	8.5
Shippers	6	306	2 00	612 00	10
Stock hands	153	307	1 24	380 68	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
BOXES (PAPER)—2 ESTABLISHMENTS.					
Compositor	1	305	$2 67	$814 35	10
Cutters	4	305	1 91	582 55	10
Diemaker	1	305	3 50	1,067 50	10
Driver	1	305	1 67	509 35	10
Elevator hand	1	305	2 50	762 50	10
Laborer	1	305	1 50	457 50	10
Laborers (boys)	4	270	80	216 00	10
Machine hands	3	305	1 50	457 50	10
Packers (boys)	3	305	53	161 65	10
Pressfeeders	4	305	1 71	521 55	10
Scorers	3	293	1 44	421 92	10
Shippers	2	305	1 65	503 25	10
BOXES (WOODEN)—4 ESTABLISHMENTS.					
Boxmakers	2	288	1 25	503 25	9.5
Embosser	1	300	2 00	600 00	10
Laborers	22	300	1 43	429 00	10
Laborers (boys)	12	300	90	270 00	10
Machine hands	20	300	2 00	600 00	10
Nailers	3	292	1 33	388 36	10
Pressmen	2	300	1 75	525 00	10
Sawyers	2	300	2 00	600 00	10
BREAD AND OTHER BAKERY PRODUCTS—7 ESTABLISHMENTS.					
Bakers	124	274	1 93	528 82	9.8
Boxmakers	2	325	1 50	487 50	10
Candymakers	8	290	1 75	507 50	9.8
Coopers	3	294	1 83	538 02	9.3
Drivers	10	349	1 [illegible]	663 10	10
Engineers	4	279	2 33	650 07	10
Foremen	3	325	3 50	1,137 50	10
Handlers	6	325	1 75	568 75	10
Helpers	8	325	1 15	373 75	10
Hostler	1	365	2 00	730 00	10
Packers	2	325	1 65	536 25	10
Porters	3	325	1 50	487 50	10
Watchman	1	234	1 50	351 00	12
BRICK AND TILE—4 ESTABLISHMENTS.					
Burners	5	243	2 40	583 20	11.6
Carter	1	116	2 50	290 00	9
Dumper	1	116	1 65	191 40	8
Engineers	2	275	2 50	687 50	10
Finisher	1	240	3 50	840 00	9
Firemen	2	275	1 75	481 25	10
Laborers	64	274	1 62	443 88	10
Mason	1	240	3 50	840 00	9
Racker	1	116	1 65	191 40	9
Sander	1	116	1 75	203 00	9
Setters	3	240	2 92	700 80	8.3
Striker	1	116	1 75	203 00	9
Teamsters	9	267	1 94	517 98	10
Temperers	2	116	1 75	203 00	9
Truckers	2	116	1 65	191 40	9
Wheelers	2	116	1 65	191 40	9
BROOMS AND BRUSHES—2 ESTABLISHMENTS.					
Broommakers	8	281	1 80	505 80	9.6
CARRIAGES AND WAGONS—14 ESTABLISHMENTS.					
Blacksmiths	165	303	2 01	690 03	9.1
Blacksmiths' helpers	17	304	1 55	471 20	9.2
Body makers	41	308	2 00	616 00	9
Bow and shaft makers	4	308	1 50	462 00	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

CARRIAGES AND WAGONS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Craters	28	304	$1 50	$456 00	9.1
Engineers	28	306	1 82	556 92	10.9
Finishers	2	307	1 75	537 25	9
Fitters	21	308	1 85	571 80	9
Gear builders	9	308	1 86	572 88	9
Gear fitters	16	310	1 72	533 20	9
Harness makers	12	306	1 75	535 50	9.5
Helpers	3	306	1 75	535 50	9.5
Laborers	16	291	1 64	477 24	9
Machine hands	15	250	1 50	375 00	10
Painters	259	303	1 79	542 37	9.1
Sanders	2	307	1 50	460 50	9
Sawyers	22	305	1 52	463 60	9
Shippers	39	308	1 50	462 00	9
Stockkeepers	3	308	1 75	539 00	10
Teamsters	10	308	1 53	471 24	10
Trimmers	144	303	1 63	493 89	9.4
Varnishers	308	175	1 70	297 50	9
Watchman	1	302	1 50	453 00	12
Wheelmakers	18	308	1 75	539 00	9
Woodworkers	75	300	2 11	633 00	9.3
Yard hands	8	308	1 90	585 20	10
CARRIAGE AND WAGON MATERIALS—6 ESTABLISHMENTS.					
Bench hands	40	285	2 25	641 25	10
Blacksmiths	10	306	2 50	765 00	9
Blacksmiths' helpers	15	306	1 25	382 50	9
Cutters	10	300	1 75	525 00	10
Dashmakers	21	306	1 37	419 22	9
Hammermen	6	275	3 00	825 00	10
Hammermen's helpers	4	275	1 75	481 25	10
Laborers	15	275	1 05	288 75	10
Laborer (boy)	1	251	1 00	251 00	10
Machine hands	68	284	1 50	426 00	10
Machinists	2	275	2 50	687 50	10
Moulders	17	272	2 12	576 64	10
Plater	1	251	2 50	627 50	10
Polishers	2	251	2 00	502 00	10
Stitchers	4	306	2 50	765 00	10
CIGARS—15 ESTABLISHMENTS.					
Apprentice	1	300	1 25	375 00	8
Bunchbreakers	2	300	90	270 00	9
Cigarmakers	27	290	1 82	527 80	8.2
Laborers	2	303	1 25	378 75	9
Rollers	7	300	1 65	495 00	9
Stogiemakers	8	286	1 44	411 84	8.5
Stripper	1	300	60	180 00	6
CLOTHING—40 ESTABLISHMENTS.					
Bushelmen	3	300	2 17	651 00	10
Coatmakers	135	223	2 68	597 64	9.7
Cutters	9	293	3 26	955 18	9.3
Helpers	3	283	1 25	353 75	8.7
Jacket makers	3	300	3 25	975 00	10
Porters	3	300	1 42	426 00	10
Shipper	1	240	2 25	540 00	8.7
Skirtmaker	1	300	2 75	825 00	10
Stock hand	1	240	1 45	348 00	8.7
Tailors	36	284	2 69	763 96	9.9
Trimmers	2	300	2 75	825 00	10
Trousermakers	10	297	2 43	721 71	9.2
Vestmakers	4	300	2 19	657 00	9.8

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
COFFEE, BAKING POWDER AND SPICES—2 ESTABLISHMENTS.					
Driver	1	308	$2 00	$616 00	10
Engineer	1	307	2 25	690 75	8
Mechanic	1	307	2 25	690 75	8
Porters	7	307	1 87	574 09	8.9
Roasters	2	307	2 50	767 50	9
CONFECTIONERY—4 ESTABLISHMENTS.					
Boilerman	1	302	2 00	604 00	10
Candymakers	19	302	1 74	525 48	10
Foremen	6	302	2 33	703 66	10
Helpers	19	303	82	248 46	10
Starch boys	6	302	50	151 00	10
COPPER AND BRASS GOODS—3 ESTABLISHMENTS.					
Bench hands	15	301	1 75	517 72	10
Coremakers	8	301	1 35	406 35	10
Finishers	8	300	2 25	675 00	10
Fitters	2	300	2 00	600 00	10
Foreman	1	300	2 36	708 00	10
Grinder	1	300	1 50	450 00	10
Helpers	4	300	1 25	375 00	10
Laborers	14	301	1 46	439 46	10
Laborers (boys)	2	300	75	225 00	10
Machine hands	13	301	1 86	559 86	10
Machinist	1	300	3 00	900 00	10
Moulders	11	300	2 60	780 00	10
Patternmakers	2	301	3 12	939 12	10
Platers	2	301	3 08	927 08	10
Polishers	11	300	2 23	669 00	10
DAIRY PRODUCTS—3 ESTABLISHMENTS.					
Buttermaker	1	208	2 00	416 00	8
Butterine makers	2	365	1 75	638 75	9
Butterine makers' helper	1	365	1 50	547 50	9
Butterine printer	1	365	1 50	547 50	9
Car loaders	2	365	1 75	638 75	9
Car washer	1	365	1 50	547 50	9
Churner	1	365	3 50	1,277 50	9
Churner's helper	1	365	1 75	638 75	9
Cooper	1	365	2 00	710 00	9
Cream mixer	1	365	2 00	710 00	9
Decorators	2	365	1 00	365 00	9
Drivers	9	365	1 61	587 65	9.6
Engineers	2	365	3 00	1,095 00	9
Firemen	2	365	2 00	710 00	9
Hostler	1	365	2 25	821 25	9
Ice hands	4	365	1 50	547 50	9
Ice cream maker	1	366	2 25	823 50	10
Inspector	1	365	2 25	821 25	9
Laborers	7	180	1 36	244 80	9.3
Marker	1	365	1 00	365 00	9
Milk mixer	1	365	1 75	638 75	9
Nailers	2	365	1 25	456 25	9
Oiler	1	365	1 75	638 75	9
Oil tank man	1	365	2 00	710 00	9
Packers	3	365	1 63	594 95	9.7
Rollers	3	365	2 50	912 50	9
Shipping clerk	1	365	2 00	710 00	9
Shipping clerk's helpers	2	365	1 75	638 75	9
Storage men	3	365	2 08	759 20	9
Table and cooler washers	2	365	1 75	638 75	9
Weighers	2	365	1 00	365 00	9
Wrappers	3	365	75	273 75	9

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—6 ESTABLISHMENTS.					
Artificial limb makers	2	306	$3 00	$918 00	10
Chemists	2	300	2 00	600 00	10
Clerks	5	306	2 64	807 84	10
Delivery hands	5	306	67	205 02	10
Engineer	1	306	2 32	709 92	10
Electrotypers	14	307	2 10	644 70	9.5
Helpers	2	300	1 13	339 00	10
Laboratory hands	6	306	1 50	459 00	10
Laborers	40	306	1 40	428 40	9.8
Machinists	3	307	3 08	945 56	9.5
Optical hands	7	306	2 15	657 90	10
Packer	1	292	1 50	438 00	10
Porters	3	306	1 50	459 00	10
Prescription hands	5	306	1 66	507 96	10
Printers	27	307	2 45	752 15	9.5
Shippers	9	304	1 50	456 00	10
Stockkeeper	1	292	1 50	438 00	10
Teamsters	18	307	1 60	491 20	9.5
Watchmen	3	307	2 00	614 00	9.5
EXTRACTS, TOILET ARTICLES AND PERFUMERY—2 ESTABLISHMENTS.					
Chemist	1	310	3 20	992 00	10
Engineer	1	310	1 92	595 20	10
Errand boy	1	310	67	207 70	10
Foreman	1	310	2 00	620 00	10
Laborers	2	306	1 35	413 10	9.5
Packers	17	310	1 51	468 10	10
Watchman	1	310	1 50	465 00	12
FLOURING MILL PRODUCTS—4 ESTABLISHMENTS.					
Clerk	1	300	1 50	450 00	10
Elevator hands	2	300	1 50	450 00	10
Engineers	5	288	2 29	659 52	11.2
Fireman	1	240	1 75	420 00	12
Laborers	7	274	1 64	449 36	10
Millers	6	263	2 37	623 31	10.8
Packers	4	270	1 68	453 60	11
Sweeper	1	300	1 50	450 00	10
Teamsters	7	276	1 72	474 72	10
FOUNDRY AND MACHINE SHOP PRODUCTS—22 ESTABLISHMENTS.					
Apprentices	3	307	0 92	282 44	10
Assemblers	78	261	2 00	522 00	10
Blacksmiths	13	288	2 62	754 56	9.9
Blacksmiths' helpers	11	278	1 61	447 58	9.8
Blocker	1	298	3 00	894 00	8
Bolt makers	3	309	2 00	618 00	10
Carpenters	9	292	2 36	689 12	10
Chainmakers	123	269	2 41	648 29	8.7
Chainmakers' helpers	38	242	1 24	300 08	8.9
Coremakers	21	294	1 98	582 12	9.4
Coremakers' helpers	1	308	1 75	539 00	10
Cupola tenders	3	302	2 00	604 00	10
Engineers	8	278	1 95	542 10	9.9
Fireman	1	225	1 75	393 75	10
Foremen	14	302	3 41	1,029 82	10
Grinders	3	298	2 00	596 00	10
Hammerman	1	225	1 00	225 00	9
Heaters	5	298	1 80	536 40	8
Helpers	16	298	1 36	405 28	8.4
Laborers	368	275	1 48	407 00	9.7
Laborers (boys)	28	305	49	149 45	8.7
Leader (horn set)	1	298	3 00	894 00	8
Leaders (welding sets)	3	298	2 50	745 00	8
Link cutters	9	269	1 77	476 13	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Link winders	6	278	$1 57	$446 46	10
Machinists	86	293	2 44	714 92	10
Machinists' helpers	3	308	1 75	539 00	10
Machine operators	124	301	1 36	409 36	10
Machine tenders	8	309	75	231 75	10
Mason	1	225	2 00	450 00	10
Moulders	260	272	2 83	769 76	9.4
Moulders' helper	1	308	1 50	462 00	10
Nutmakers	3	309	2 00	618 00	10
Nut tapper	1	309	1 50	463 50	10
Packers	10	304	1 69	513 76	10
Patternmakers	6	280	2 75	770 00	10
Pipemakers	132	251	1 60	401 60	10
Platers	5	260	2 20	572 00	10
Polishers	12	260	2 20	572 00	10
Shearmen	2	262	1 70	445 40	10
Testers	2	225	1 75	393 75	10
Toolmakers	12	298	3 20	953 60	10
Watchmen	5	278	1 60	444 80	10.6
Wheelmakers	91	300	2 04	612 00	10
Yard hands	18	263	1 50	394 50	10
FURNITURE—5 ESTABLISHMENTS.					
Apprentice	1	300	1 00	300 00	10
Cabinetmakers	5	262	2 05	537 10	9.2
Finishers	15	300	2 02	606 00	10
Helper	1	300	1 67	501 00	10
Laborers	21	300	2 00	600 00	10
Padmakers	7	300	1 75	525 00	10
Painter	1	305	2 00	610 00	10
Piano stool makers	91	306	1 30	397 80	10
Polisher	1	305	1 75	533 75	10
Shippers	5	300	1 65	495 00	10
Teamsters	2	300	2 00	600 00	10
Upholsterers	26	300	2 16	648 00	10
Vise hands	3	305	2 50	762 50	10
FURS—2 ESTABLISHMENTS.					
Furriers	2	300	3 00	900 00	9
Machine operator	1	300	2 00	600 00	9
Nailer	1	300	1 50	450 00	9
Porter	1	200	1 00	200 00	9.5
GAS AND ELECTRICITY—3 ESTABLISHMENTS.					
Carpenter	1	365	2 20	803 00	10
Coal handler	1	365	1 60	584 00	10
Electricians	12	365	2 00	730 00	10
Engineers	11	365	2 52	929 80	11.1
Firemen	21	365	2 23	813 95	11.3
Firemen's helpers	6	365	2 00	730 00	12
Gasfitters	5	365	2 15	784 75	10
Groundmen	11	365	1 50	547 50	10
Hostlers	2	365	1 50	547 50	10
Inspectors	2	365	2 50	912 50	10
Laborers	11	365	1 50	547 50	10
Linemen	32	365	2 14	781 10	10
Machinists	2	365	3 00	1,095 00	10
Meter men	7	365	2 00	730 00	10
Oilers	4	365	1 66	605 90	10
Pipefitters	3	365	2 25	821 25	10
Repairers	11	365	2 00	730 00	10
Stockkeepers	2	365	1 85	675 25	10
Switch board operators	3	365	1 75	638 75	10
Trimmers	13	365	1 75	638 75	10
Trouble hands	4	365	1 50	547 50	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
GLASS AND GLASSWARE—2 ESTABLISHMENTS.					
Bevelers	6	310	$1 66	$514 60	10
Blacksmiths	2	300	2 50	750 00	10
Blowers	24	300	5 00	1,500 00	10
Cutters	14	310	2 83	877 30	8.2
Cutters (boys)	15	300	1 50	450 00	10
Draughtsmen	4	300	2 83	849 00	10
Engineers	2	310	2 25	697 50	12
Factory hands (boys)	175	300	1 10	330 00	10
Finishers	6	310	1 42	440 20	10
Furnace hands	4	300	2 25	675 00	12
Gatherers	54	300	3 00	900 00	10
Glaziers	14	310	1 42	440 20	10
Laborers	40	300	1 50	450 00	10
Letterers	2	310	2 12	657 20	10
Machinists	10	300	3 25	975 00	10
Miscellaneous	1	310	2 00	620 00	10
Packers	12	301	2 60	782 60	10
Painters	12	310	2 99	926 90	8.2
Pressers	30	300	3 00	900 00	10
Sign writer	1	310	2 50	775 00	10
GLOVES AND MITTENS—2 ESTABLISHMENTS.					
Cutters	19	300	1 60	480 00	9.3
Finishers	5	300	1 10	330 00	9.5
Laborers	2	300	1 50	450 00	9
HARNESS AND SADDLERY—8 ESTABLISHMENTS.					
Awl hands	2	196	1 35	264 60	10
Collar makers	10	300	2 00	600 00	10
Cutters	5	281	2 45	688 45	10
Harness makers	67	302	1 79	540 58	9.8
Machine hands	7	279	1 93	538 47	10
Packers	2	275	1 50	412 50	10
Riveter	1	196	75	147 00	10
Roller	1	275	3 50	962 50	10
Shipping clerk	1	196	1 50	294 00	10
Stuffers	10	236	1 68	396 48	10
Turner	1	196	50	98 00	10
HATS, CAPS AND FURNISHINGS—5 ESTABLISHMENTS.					
Buckram workers	2	240	1 50	360 00	9
Capmakers	3	245	2 25	551 25	9.5
Cutter	1	313	2 50	782 50	9
Hatter	1	250	2 50	625 00	9
Lining cutter	1	313	84	262 92	9
ICE (ARTIFICIAL)—2 ESTABLISHMENTS.					
Blacksmiths	2	365	2 65	967 25	10
Drivers	19	365	2 00	730 00	11
Drivers' helpers	20	365	1 75	638 75	11
Engineers	6	335	2 65	887 75	11.7
Firemen	7	339	1 81	613 59	12
Laborers	31	353	1 67	589 51	10.8
IRON (STRUCTURAL AND ARCHITECTURAL)—3 ESTABLISHMENTS.					
Blacksmith	1	311	3 00	933 00	10
Blacksmith's helper	1	311	2 00	622 00	10
Erector	1	311	3 00	933 00	10
Helper	1	300	2 00	600 00	9
Ironworkers	4	308	1 86	572 88	9.8
Laborers	3	307	1 50	460 50	9.7
Machinists	6	310	2 20	682 00	10
Mechanics	6	311	2 15	668 65	10
Pressman	1	311	2 25	699 75	10
Pressman's helper	1	311	1 65	513 15	10
Stock hand	1	311	2 35	730 85	10
Stock hand's helper	1	311	1 85	575 35	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
JEWELRY AND WATCHES—3 ESTABLISHMENTS.					
Jewelers	23	293	$2 14	$627 02	9.6
Polisher	1	307	75	230 25	9
Repairer	1	307	2 00	614 00	9
LEATHER AND LEATHER GOODS—3 ESTABLISHMENTS.					
Curriers	20	280	2 40	672 00	9
Foreman	1	300	3 00	900 00	10
Laborers	7	280	1 65	462 00	9
Shavers	3	280	2 65	742 00	9
Tanners	37	291	2 03	590 73	9.5
LIGHTING APPARATUS—4 ESTABLISHMENTS.					
Bevelers	12	285	2 25	641 25	10
Buffers	8	285	2 25	641 25	10
Engineer	1	285	2 75	783 75	10
Finishers	2	285	2 75	783 75	10
Foundry hands	2	306	2 75	841 50	10
Japanners	2	285	2 25	641 25	10
Laborers	8	306	1 00	306 00	10
Lampmakers	34	287	2 34	671 58	10
Machinists	8	306	2 50	765 00	10
Mantle makers	7	283	1 50	424 50	9.1
Moulders	2	285	2 25	641 25	10
Platers	6	296	2 25	666 00	10
Pressmen	8	285	1 25	356 25	10
Spinners	2	285	2 75	783 75	10
LIME, SAND, CEMENT AND PLASTER—7 ESTABLISHMENTS.					
Engineers	2	183	2 00	366 00	10
Foremen	2	305	2 25	686 25	10
Laborers	27	205	1 63	334 15	10
Mixer	1	265	1 65	437 25	10
Sand dryer	1	265	1 65	437 25	10
Shovelers	2	310	1 50	465 00	10
Teamsters	17	296	1 53	452 88	10
Warehousemen	3	100	1 75	175 00	9
LIQUORS (MALT)—4 ESTABLISHMENTS.					
Blacksmiths	4	365	2 75	1,003 75	10
Bottlers	132	346	2 23	771 58	9.7
Bottlers' helpers	34	365	1 83	667 95	9
Brewers	45	310	2 65	821 50	9
Cellar hands	58	358	2 67	955 86	9
Coopers	5	353	2 59	914 27	9
Drivers	65	331	2 65	877 15	9.2
Engineers	19	338	2 73	922 74	8.3
Firemen	17	329	2 25	740 25	8
Firemen's helpers	4	365	1 85	675 25	8
Hostlers	19	333	2 00	660 00	9.7
Ice hands	4	365	2 00	730 00	10
Laborers	24	356	2 00	712 00	9.8
Machinists	10	338	2 38	804 44	9
Machinists' helpers	4	365	1 81	660 65	10
Porters	2	306	1 25	382 50	9
Washhouse hands	33	356	2 53	900 68	9.2
Watchmen	5	343	1 94	665 42	10
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—5 ESTABLISHMENTS.					
Apprentices	2	307	1 22	374 54	8.5
Artists	13	307	3 26	1,000 82	8.3
Blockers	2	305	2 75	838 75	8.5
Compositor	1	312	4 08	1,272 96	8

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Copy boys	2	312	$1 54	$485 10	8
Editors	2	312	3 08	960 96	8
Engravers	8	304	4 32	1,313 28	8
Etchers	8	307	2 98	914 86	8.5
Feeders	6	302	1 66	511 32	8.3
Finishers	5	306	3 43	1,049 58	8.5
Helpers	2	312	1 00	312 00	8
Janitor	1	305	80	244 00	8
Laborers	7	303	1 41	427 23	8.4
Linotype operators	4	312	4 00	1,248 00	8
Linotype operators' helper	1	312	83	258 96	8
Machinists	7	303	2 81	851 43	9.7
Photographer	7	307	4 41	1,353 87	8.5
Photographers' helper	1	305	75	228 75	8.5
Pressmen	6	302	3 78	1,141 56	8 3
Proofers	2	307	3 00	921 00	8.5
Routers	2	307	3 28	1,006 96	8.5
Shipping clerks	1	312	2 00	624 00	9
Stereotypers	3	312	2 64	823 68	8
Stone grinder	1	307	2 00	614 00	9
Transferers	7	303	3 95	1,196 85	8.4
Truckman	1	312	3 15	982 80	9
MACHINERY—7 ESTABLISHMENTS.					
Apprentices	9	311	1 27	394 97	10
Bench hands	30	310	1 75	542 50	10
Blacksmiths	23	309	2 30	710 70	10
Blacksmiths' helpers	11	309	1 35	417 15	10
Carpenters	15	304	2 29	696 16	9.5
Chainmakers	55	310	1 00	310 00	10
Draughtsmen	29	311	2 29	712 19	9.8
Drillers	6	300	2 50	750 00	10
Electricians	43	310	1 65	511 50	10
Engineers	7	301	2 68	806 68	9.7
Erectors	31	290	1 90	551 00	9.7
Firemen	4	290	2 00	580 00	9.7
Iron and steel workers	228	294	2 08	611 52	9.8
Laborers	139	296	1 48	438 08	9.7
Machinists	282	307	2 28	699 96	9.7
Machinists' helpers	4	301	1 70	511 70	10
Moulders	2	310	2 20	682 00	10
Painters	33	292	1 73	505 16	9.7
Patternmakers	33	309	2 33	719 97	10
Teamsters	6	308	1 48	455 84	10
Vise hands	2	301	2 25	677 25	10
Watchmen	4	309	1 38	426 42	11
Wireworkers	6	313	2 10	655 20	10
Woodworkers	65	290	2 20	638 00	9.7
MARBLE AND GRANITE—2 ESTABLISHMENTS.					
Bed rubbers	4	313	2 00	626 00	9
Blacksmith	1	313	2 50	782 50	9
Coopers	2	313	2 38	744 94	9
Cutters	17	310	2 94	911 40	9
Driver	1	313	2 00	626 00	10
Laborers	10	313	1 50	469 50	9
Machine hands	3	313	2 00	626 00	9
Packers	3	313	1 50	469 50	9
Polishers	8	313	1.91	597 83	9
Setters (marble)	12	313	4 00	1,252 00	8
Setters (tile)	7	313	3 50	1,095 50	8
PAINTS AND VARNISHES—4 ESTABLISHMENTS.					
Drivers	2	305	1 63	497 15	9.5
Engineers	2	307	1 75	537 25	9.5
Laborers	19	304	1 63	495 52	9.7

TABLE IVb—MANUFACTURES—COLUMBUS—Continued.

PAINTS AND VARNISHES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	5	305	$1 50	$457 50	10
Paintmakers	9	303	1 59	481 77	9.9
Shipping clerks	2	305	1 92	585 60	9.5
PASTE—2 ESTABLISHMENTS.					
Pastemakers	2	220	1 69	371 80	10
PIANOS AND OTHER MUSICAL INSTRUMENTS—2 ESTABLISHMENTS.					
Action finishers	2	202	2 75	555 50	10
Action regulator	2	202	2 75	555 50	10
Apprentice	1	304	1 00	304 00	10
Bellow men	2	202	2 25	454 50	10
Cabinetmakers	2	202	1 85	373 70	10
Casemakers	3	202	2 00	404 00	10
Finishers	3	236	2 00	472 00	10
Fly finisher	1	202	2 25	454 50	10
Guitar maker	1	304	2 50	760 00	10
Key balancer	1	202	1 00	202 00	10
Machinist	1	202	2 50	505 00	10
Mandolin maker	1	304	2 50	760 00	10
Patternmaker	1	202	3 00	606 00	10
Polisher	1	202	1 20	343 40	10
Rubber	1	202	1 75	353 50	10
Stringer and shipper	1	202	1 00	202 00	10
Tinners	2	202	2 50	505 00	10
Varnisher	1	202	2 25	454 50	10
PRINTING AND BINDING—27 ESTABLISHMENTS.					
Apprentices	10	303	98	296 94	9.3
Binders	17	304	2 35	714 40	9.1
Boxmaker	1	307	1 66	509 62	9
Collectors	2	360	2 50	900 00	8
Compositors	128	307	2 63	807 41	9
Cutters	4	307	2 28	699 96	9.3
Driver	1	306	1 50	459 00	9.5
Editors	2	360	3 33	1,198 80	8
Electrotypers	3	300	3 33	999 00	9
Electrotypers' helper	1	300	2 00	600 00	9
Engineers	2	307	2 50	767 50	9
Errand boys	6	308	73	224 84	8.7
Feeders	65	302	1 49	449 98	9.1
Finishers	2	307	2 50	767 50	9
Foremen	5	300	3 67	1,101 00	9.1
Forwarders	10	308	2 66	819 28	9
Helpers	4	309	88	271 92	9
Janitors	2	307	1 33	408 31	9
Laborers	6	306	74	226 44	9.2
Linotype operators	15	304	3 20	972 80	8
Machinists	3	305	3 31	1,009 55	8.3
Machinists' helper	1	300	1 25	375 00	8
Packers	2	306	2 00	612 00	9.5
Porters	10	306	1 31	400 86	9.9
Pressmen	35	308	2 26	696 08	9.1
Pressmen's helpers	6	315	2 17	683 55	8.8
Proofreader	1	300	2 50	750 00	9
Rulers	9	307	2 61	801 27	9.1
Shipper	1	307	1 83	561 81	9
Stencilers	2	360	2 80	1,008 00	8
Stone man	1	300	3 00	900 00	9.5
ROOFING (STEEL, IRON AND TIN)—5 ESTABLISHMENTS.					
Foreman	1	240	2 50	600 00	10
Helpers	10	305	1 30	396 50	8.4
Roofers	13	274	2 35	643 90	8.9
Teamsters	2	240	2 00	480 00	10
Tinners	18	304	2 50	760 00	8

TABLE IVb—MANUFACTURES—COLUMBUS—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
RUGS AND CARPET CLEANING—3 ESTABLISHMENTS.					
Carpet layers	2	306	$2 34	$716 04	9.5
Cutter	1	300	1 25	375 00	10
Driver	1	313	1 67	522 71	10
Engineer	1	313	2 00	626 00	10
Laborer	1	313	1 67	522 71	10
Ravelers	2	300	65	195 00	10
Renovators	1	313	1 67	522 71	10
Shipping clerk	1	300	1 50	450 00	10
Weavers	10	300	1 00	300 00	10
Winders	4	300	60	180 00	10
SASH, DOORS, LUMBER AND INTERIOR FINISH—12 ESTABLISHMENTS.					
Apprentices	5	309	1 75	540 75	8
Bench hands	12	295	2 27	669 65	9.5
Cabinet makers	8	287	2 50	717 50	9
Carpenters	13	295	2 40	708 00	9
Carver	1	287	3 00	861 00	9
Engineers	6	299	2 18	651 82	9.4
Finishers	9	288	1 67	480 96	9
Foremen	4	296	2 63	778 48	9.5
Foremen's assistant	1	300	1 67	501 00	10
Glue hands	6	300	1 75	525 00	9
Helpers	11	295	1 66	489 70	9.1
Laborers	36	302	1 53	462 06	9.3
Machine hands	45	296	2 43	719 28	9.2
Mechanics	27	302	2 50	755 00	8.7
Mill hands	18	305	2 00	610 00	9
Saw filer	1	300	1 50	450 00	9.5
Sawyers	2	288	2 25	648 00	9.3
Teamster	15	301	1 63	490 63	9.5
Watchmen	2	300	1 50	450 00	9.5
Woodworkers	30	304	2 50	760 00	9
SLAUGHTERING AND MEAT PACKING—2 ESTABLISHMENTS.					
Butchers	15	310	2 00	620 00	10
Drivers	3	310	1 67	517 70	10
Laborers	3	300	1 75	525 00	10
SOAP, CANDLES AND TALLOW—3 ESTABLISHMENTS.					
Cutters	3	309	1 50	463 50	10
Drivers	2	306	1 65	504 90	10
Engineer	1	310	3 00	930 00	10
Fireman	1	306	1 75	535 50	10
Laborers	6	306	1 50	459 00	10
Pressers	3	309	1 45	448 05	10
Soapmaker	1	310	1 75	542 50	10
Teamster	1	310	1 83	567 30	10
SODA AND MINERAL WATERS—2 ESTABLISHMENTS.					
Bottlers	5	306	1 97	602 82	10
Bottle washers	6	306	1 13	345 78	10
Drivers	8	306	2 08	636 48	10
Hostlers	2	306	1 47	449 82	10
STARCH—2 ESTABLISHMENTS.					
Laborers	23	285	1 75	498 75	10
Mixer	1	150	1 80	270 00	9
STEEL, IRON AND TIN—3 ESTABLISHMENTS.					
Blacksmith	1	210	3 00	630 00	10
Blacksmith's helper	1	210	1 65	346 50	10
Catchers	5	210	2 50	525 00	10
Dragouts	4	210	2 00	420 00	10
Engineers	6	238	2 50	595 00	10
Faggot makers	4	210	2 25	472 50	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

STEEL, IRON AND TIN—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Fillers	24	295	$1 80	$531 00	10
Firemen	8	210	1 80	378 00	10
Foremen	16	290	2 33	675 70	10
Furnace hands	10	210	2 00	420 00	10
Heaters	4	210	4 00	840 00	10
Iron carriers	24	295	2 10	619 50	10
Keepers	4	295	2 10	619 50	10
Keepers' helpers	8	295	1 65	486 75	10
Laborers	495	187	1 65	308 55	10
Moulders	8	295	1 70	501 50	10
Puddlers	12	210	5 00	1,050 00	10
Puddlers' helpers	12	210	2 75	577 50	10
Rollers	3	210	6 00	1,260 00	10
Roll hands	15	210	1 75	367 50	10
Roll turner	1	210	4 71	989 10	10
Roughers	5	210	3 00	630 00	10
Shearmen	4	210	2 00	420 00	10
Shearmen's helpers	5	210	1 75	367 50	10
Skip men	4	295	2 00	590 00	10
Straighteners	6	210	2 00	420 00	10
STONE, CUT, SAWED AND ARTIFICIAL—3 ESTABLISHMENTS.					
Blacksmiths	4	307	2 05	629 35	10
Carpenters	4	307	2 55	782 85	10
Drillers	8	307	1 90	583 30	10
Engineers	9	307	2 13	653 91	10
Finishers	9	247	3 25	802 75	10
Foremen	10	307	2 14	656 98	10
Laborers	222	292	1 45	423 40	10
Mechanic	1	307	4 16	1,277 12	10
Mixers	6	270	1 75	472 50	10
Step setters	6	270	1 75	472 50	10
Teamsters	8	244	1 72	419 68	10
Watchmen	2	307	1 50	460 50	10
Yardmen	5	270	1 50	505 00	10
STOVES, RANGES AND FURNACES—8 ESTABLISHMENTS.					
Casting cleaner	1	225	1 75	393 75	10
Cupola tender	1	225	1 75	393 75	10
Draughtsman	1	309	2 30	710 70	10
Engineers	2	300	2 00	600 00	10
Ironworkers	19	309	2 03	627 27	10
Laborers	48	289	1 52	439 28	9.8
Moulders	85	272	2 53	688 16	10
Mounters	39	286	2 47	706 42	9.7
Painter	1	284	2 00	568 00	10
Range makers	5	225	1 50	337 50	10
Sheet-iron workers	15	298	2 64	786 72	9.5
Teamsters	5	282	1 70	479 40	10
Tinners	22	303	2 25	984 75	9.7
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—9 ESTABLISHMENTS.					
Apprentices	2	300	1 25	375 00	9
Beaders	5	300	70	210 00	10
Blacksmith	1	308	2 00	616 00	10
Carpenter	1	308	2 75	847 00	10
Draughtsmen	6	298	1 75	521 50	8
Driver	1	300	1 50	450 00	9
Foundry hands	16	298	2 40	715 20	10
Helpers	4	300	1 25	375 00	9.5
Laborers	64	298	1 80	536 40	10
Laborer (boy)	1	300	50	150 00	10
Machine operators	2	300	1 75	525 00	10
Machinists	4	304	2 88	875 52	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	2	298	$2 25	$670 50	8
Packers (boys)	6	300	55	165 00	10
Patternmakers	3	305	3 16	963 80	9.3
Pressmen	28	299	2 08	621 92	8.5
Roofers	7	306	2 00	612 00	10
Shipper	1	300	2 00	600 00	10
Steelmakers	15	298	2 45	730 10	8
Solderers	2	300	1 00	300 00	10
Tinners	74	300	2 14	642 00	8.2
Tinners' helper	1	304	75	228 00	9
Watchman	1	300	2 00	600 00	12
TOOLS—6 ESTABLISHMENTS.					
Apprentices	3	289	80	231 20	10
Engineer	1	282	2 00	564 00	10
File cutters	16	300	2 00	600 00	10
Forgers	2	300	2 00	600 00	10
Grinders	3	300	2 00	600 00	9.7
Helpers	2	294	1 75	514 50	9.5
Machinists	45	301	3 02	909 02	10
Sawmakers	29	304	3 33	1,012 32	9
Sawmakers' helpers	13	306	1 50	459 00	9
Toolmakers	63	282	1 88	530 16	10
TRUNKS AND VALISES—3 ESTABLISHMENTS.					
Trunkmakers	23	302	1 98	597 96	9.3
WIRE RODS, WIRE CLOTH AND WIRE GOODS—3 ESTABLISHMENTS.					
Channel workers	5	324	2 00	648 00	9.1
Laborers	21	317	1 24	393 08	9.5
Machine operators	6	310	1 50	465 00	10
Machinists	2	310	2 25	697 50	10
Scroll workers	4	324	2 50	810 00	9.1
Weavers	10	310	1 60	496 00	10
Wireworkers	2	208	1 50	312 00	9
MISCELLANEOUS—26 ESTABLISHMENTS.					
Acidmakers	8	306	1 80	550 80	12
Artists	4	310	4 00	1,240 00	8
Assistants	2	310	2 00	620 00	9
Backer	1	250	2 50	625 00	10
Blacksmiths	2	250	3 00	750 00	10
Boxmakers	2	299	1 75	523 25	9
Calender man	1	280	2 50	700 00	9
Capmaker	1	307	2 00	614 00	10
Carpenters	4	302	2 47	745 94	9
Coaters	3	280	2 22	621 60	9
Compositor	1	280	2 50	700 00	9
Cutters	4	290	1 57	455 30	9.5
Drayman	1	306	2 00	612 00	10
Drivers	3	305	1 51	461 55	9.5
Dyer	1	250	2 50	625 00	10
Electricians	17	309	2 25	695 25	9
Embosser	1	307	3 00	921 00	10
Enameler	1	312	60	187 20	10
Engineers	5	288	2 24	645 12	11
Errand boy	1	300	50	150 00	10
Finishers	3	299	2 00	598 00	9
Firemen	2	289	1 45	419 05	10.5
Foremen	15	298	2 45	730 10	9.5
Hatmakers	6	307	2 00	614 00	10
Helpers	24	270	1 11	299 70	9.2
Hostlers	2	306	1 85	566 10	10

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Laborers	46	295	$1 59	$469 05	9
Laborers (boys)	4	311	76	236 36	10
Leather workers	12	307	1 50	460 50	10
Machine hands	22	285	1 68	478 80	9.5
Machinists	37	306	2 14	654 84	10
Machine operators	3	270	2 70	729 00	10
Metal workers	94	307	2 19	672 33	10
Mill hands	70	306	1 50	459 00	10
Mixers	3	280	3 14	879 20	9
Oil boiler	1	280	3 00	840 00	9
Packers	5	299	1 60	478 40	10
Painters	17	306	2 40	734 40	10
Platers	2	279	1 75	488 25	10
Polishers	7	279	2 18	608 22	10
Rorter	1	309	1 50	463 50	9
Riveters	2	280	1 75	490 00	9
Roller	1	280	1 50	420 00	9
Sawyers	2	308	2 25	693 00	10
Sealmaker	1	280	1 10	308 00	10
Shipping clerk	4	300	1 85	555 00	9.5
Stitchers	9	306	1 75	535 50	10
Stockkeepers	7	308	1 21	372 68	9.5
Tailors	23	307	2 85	874 95	10
Trimmers	2	265	1 54	408 10	9.5
Trunkmakers	42	307	1 70	521 90	10
Varnisher	1	280	1 00	280 00	9
Watchmen	3	295	1 87	551 65	12
Wire benders	3	182	1 00	182 00	8
Woodworkers	80	306	1 81	553 86	10
Yard men	2	299	1 50	448 50	9

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
AWNINGS, TENTS AND FLAGS—4 ESTABLISHMENTS.					
Flagmakers	4	306	$1 00	$306 00	9
Machine operators	5	312	1 00	312 00	10
Seamstresses	5	260	1 00	260 00	9.4
BOOTS AND SHOES—7 ESTABLISHMENTS.					
Cutters	129	308	1 42	437 36	9.6
Fitters	1,009	307	1 15	353 05	9.7
Forewomen	2	306	3 00	918 00	10
Ironers	11	306	1 20	367 20	10
Labelers	6	306	90	275 40	10
Laborers	10	307	50	153 50	10
Packers	75	306	81	247 86	9.5
Stitchers	12	300	1 00	300 00	10
Table hands	5	300	40	120 00	10
BOXES (PAPER)—2 ESTABLISHMENTS.					
Boxmakers	25	305	50	152 50	10
Coverers	4	270	80	216 00	9
Gluers	3	305	85	261 80	10
Helpers	13	305	47	143 35	10
Labelers	4	270	90	243 00	9
Machine hands	13	305	95	289 75	10
Setters up	2	270	95	256 50	9
Topper	1	270	95	256 50	9
Turners in	4	270	65	175 50	9
BOXES (WOODEN)—2 ESTABLISHMENTS.					
Boxmaker	1	300	1 25	375 00	10
Hingers	2	300	75	225 00	10
Pasters	12	300	75	225 00	10
BREAD AND OTHER BAKERY PRODUCTS—4 ESTABLISHMENTS.					
Candymakers	9	310	95	294 50	10
Icers	12	271	85	230 35	9.5
Packers	42	290	88	255 20	9.9
Sampler	1	325	1 20	390 00	10
BROOMS AND BRUSHES—2 ESTABLISHMENTS.					
Laborers	3	275	80	220 00	9.5
CARRIAGES AND WAGONS—7 ESTABLISHMENTS.					
Machine hands	12	308	1 00	308 00	9
Trimmers	18	304	1 18	358 72	9.2
CARRIAGE AND WAGON MATERIAL—2 ESTABLISHMENTS.					
Stitchers	44	303	1 02	309 06	9.5
CIGARS—7 ESTABLISHMENTS.					
Bunch breakers	26	289	1 02	294 78	8.5
Cigarmakers	5	298	1 35	402 30	8
Packers	4	285	1 18	336 30	8
Rollers	48	288	1 13	325 44	8.4
Stogiemaker	1	300	1 00	300 00	10
Strippers	31	290	75	217 50	7.9
CLOTHING—36 ESTABLISHMENTS.					
Buttonhole maker	1	275	1 10	302 50	10
Finishers	4	306	1 17	358 02	10
Forewoman	1	240	1 65	396 00	8.7

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

CLOTHING—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machine hands	84	256	$1 05	$268 80	8.9
Pressers	2	300	83	249 00	10
Shirtmakers	28	297	1 19	353 43	10
Skirtmaker	1	300	2 75	825 00	9
Tailoresses	34	280	1 24	347 20	9.8
Trousermakers	65	285	1 51	430 35	9.4
Vestmakers	46	291	1 50	436 50	9.1
Wrapper	1	306	85	260 10	8.7
COFFEE, BAKING POWDER AND SPICES—2 ESTABLISHMENTS.					
Packers	11	307	92	282 44	8.3
CONFECTIONERY—4 ESTABLISHMENTS.					
Chocolate dippers	52	302	71	214 42	10
Forewomen	5	302	1 40	422 80	10
Packers	24	304	64	194 56	10
Stockkeepers	2	302	1 06	320 12	10
Wrappers	17	305	62	189 10	10
DRUGS, CHEMICAL AND DRUGGISTS' SUNDRIES—7 ESTABLISHMENTS.					
Clerks	4	306	1 13	345 78	10
Laboratory hands	9	306	83	253 98	10
Laborers	84	306	79	241 74	9.7
Optical hand	1	306	65	198 90	10
Packers	3	182	50	91 00	10
Printers	16	307	1 14	349 98	9.5
Prescription hands	4	306	1 00	306 00	10
Shipper	1	306	1 25	382 50	10
Sorters	2	292	60	175 20	10
FOUNDRY AND MACHINE SHOP PRODUCTS—3 ESTABLISHMENTS.					
Assemblers	2	260	1 50	390 00	10
Coremakers	3	280	1 50	420 00	9
Machine hand	1	309	75	231 75	10
Wrappers	3	309	75	231 75	10
FURNITURE—3 ESTABLISHMENTS.					
Caner	1	300	1 00	300 00	9
Padmakers	3	300	1 75	525 00	10
Piano cover makers	25	306	80	244 80	10
Sewers	7	300	1 25	375 00	10
FURS—2 ESTABLISHMENTS.					
Milliners	2	300	1 50	450 00	9
Sewers	17	247	1 10	271 70	9
GLASS AND GLASSWARE—2 ESTABLISHMENTS.					
Designer	1	310	4 16	1,289 60	8.3
Painter	1	310	75	232 50	8.3
GLOVES AND MITTENS—2 ESTABLISHMENTS.					
Glovemakers	20	300	1 25	375 00	9
Inspectors	4	300	1 30	390 00	9.5
Machine hands	16	300	1 30	390 00	9.5

TABLE IV*b*—MANUFACTURES—COLUMBUS—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
HARNESS AND SADDLERY—3 ESTABLISHMENTS.					
End tyer	1	196	$0 50	$98 00	10
Machine hands	23	244	1 04	253 76	10
Packers	2	275	1 00	275 00	10
Pad turners	4	275	85	233 75	10
Sewers	5	243	1 18	286 74	10
HATS, CAPS AND FURNISHINGS—6 ESTABLISHMENTS.					
Capmakers	3	245	1 00	245 00	9.5
Cutters	1	309	75	231 75	9
Hatmakers	11	236	88	207 68	9
Machine operators	2	313	1 00	313 00	8
Milliners	20	235	75	176 25	9
Packers	3	309	75	231 75	9
Seamstresses	40	269	1 03	277 07	8.7
Stringers and folders	2	309	66	203 94	9
JEWELRY AND WATCHES—1 ESTABLISHMENTS.					
Jewelers	3	290	$1 00	$290 00	9.5
LIGHTING APPARATUS—3 ESTABLISHMENTS.					
Blower	1	285	2 25	641 25	10
Carbonizer	2	240	75	180 00	8
Cleaners	10	300	1 00	300 00	10
Japanners	4	300	1 00	300 00	10
Mantle makers	29	300	1 00	300 00	9.5
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—4 ESTABLISHMENTS.					
Apprentice	1	309	1 17	361 53	8.5
Helpers	2	307	1 16	356 12	9
Laborers	4	300	1 00	300 00	8
Routers	2	305	3 75	1,143 75	8.5
MARBLE AND GRANITE—1 ESTABLISHMENT.					
Polishers	3	313	75	234 75	9
PAINTS AND VARNISHES—2 ESTABLISHMENTS.					
Labelers	5	303	73	221 19	9.4
PRINTING AND BINDING—21 ESTABLISHMENTS.					
Apprentices	3	310	75	232 50	9
Binders	95	306	96	293 76	9.1
Compositors	4	311	1 50	466 50	9.3
Copy holders	2	303	1 25	378 75	9.3
Feeders	23	305	81	247 05	9.1
Laborers	3	307	68	208 76	9
Mailers	7	310	75	232 50	9
Sewers	6	307	68	208 76	9
RUGS AND CARPET CLEANING—3 ESTABLISHMENTS.					
Clippers	2	300	66	198 00	10
Fringers	2	300	75	225 00	10
Sewers	12	300	72	216 00	9.8
SOAP, CANDLES AND TALLOW—3 ESTABLISHMENTS.					
Laborers	3	306	1 50	459 00	10
Wrappers	7	299	1 01	301 99	9.1

TABLE IV*b*—MANUFACTURES—COLUMBUS—Concluded.

STARCH—2 ESTABLISHMENTS.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Laborers	7	150	$1 00	$150 00	9
STOVES, RANGES AND FURNACES—1 ESTABLISHMENT.					
Asbestos fitters	3	291	94	273 54	9.3
TRUNKS AND VALISES—1 ESTABLISHMENT.					
Liners	3	300	1 20	360 00	10
MISCELLANEOUS—7 ESTABLISHMENTS.					
Capmakers	46	307	93	285 51	10
Casket makers	10	299	1 25	373 75	9
Cutters	5	275	96	264 00	8.8
Embossers	5	307	70	214 90	10
Embroidery hands	88	307	120	368 40	10
Forewomen	2	240	2 29	549 60	8.5
Hatmakers	4	307	1 16	356 12	10
Laborers	5	307	75	230 25	10
Leather workers	6	307	85	260 95	10
Machine hand	1	280	50	140 00	5
Machine operators	37	260	1 29	335 40	9.7
Seamstresses	146	306	93	284 58	9.5
Shade mounters	2	300	1 00	300 00	10
Tailoresses	101	307	1 09	334 60	10
Trunk makers	18	307	99	303 93	10

TABLE IV*bb*—MANUFACTURES—COLUMBUS.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Awnings, tents and flags	Cutter	1	20	.....
Billiard tables, bar and store fixtures	Assemblers	2	20	.....
" " " "	Cabinet makers	16	20	.....
" " " "	Engineer	1	10	.....
" " " "	Machine hands	8	10	.....
" " " "	Packers	5	20	.....
" " " "	Varnishers	8	17	.....
" " " "	Warehouse men	3	17	.....
" " " "	Woodworkers	30	15	.....
Boilers, engines and tanks	Boilermakers	8	8	.....
" "	Engineer	1	25	.....
" "	Machine hands	6	14.5	.....
" "	Machinists	2	10	.....
Boots and shoes	Bottomers	420	1.5	.....
" "	Cutters	140	1.5	.....
" "	Lasters	200	1.5	.....
" "	Stock fitters	115	1.5	.....
Boxes (paper)	Engineer	1	25	.....
Boxes (wooden)	Laborers	20	8	.....
" "	Laborers (boys)	12	12	.....
Bread and other bakery products	Bakers	17	10	.....
" " "	Candymakers	6	10	.....
Carriages and wagons	Blacksmiths	5	10	.....
" "	Blacksmiths' helpers	8	5	.....
" "	Painters	17	8.5	.....
" "	Trimmers	3	6.6	.....
" "	Woodworkers	8	12.5	.....
Carriage and wagon material	Cutters	10	10	.....
" " "	Engineer	1	2	.....
Clothing	Coatmakers	26	7	.....
"	Cutters	3	15	.....
"	Shipping clerk	1	80	.....
"	Stock boy	1	45	.....
"	Trousermaker	1	3	.....
Coffee, baking powder and spices	Driver	1	10	.....
" " "	Laborer	1	10	.....
" " "	Porters	3	10	.....
Confectionery	Candymakers	2	15	.....
"	Candymakers' helpers	4	10	.....
Dairy products	Buttermaker	1	5	.....
Extracts, toilet articles and perfumery	Laborers	2	28	.....
Flouring mill products	Engineer	1	10	.....
" "	Millers	2	29	.....
" "	Teamsters	2	14	.....
Foundry and machine shop products	Laborers (boys)	25	10	.....
" " "	Moulders	10	4	.....
Ice (artificial)	Blacksmiths'	2	25	.....
"	Firemen	2	15	.....
"	Laborers	25	15	.....
Iron (structural and architectural)	Blacksmith's helper	1	8.7	.....
" " "	Erectors	1	20	.....
" " "	Punch press man	1	12.5	.....
" " "	Punch press man's helper	1	10	.....
" " "	Machine hands	6	10	.....
" " "	Mechanic	4	7.2	.....
Leather and leather goods	Curriers	20	2	.....
" "	Laborers	7	2	.....
" "	Shavers	3	2	.....
" "	Tanners	30	2	.....
Lighting apparatus	Carbonizers	2	10	.....
Lime, sand, cement and plaster	Warehouse men	3	10	.....
Lithographing, engr'g and electrotyping	Apprentices	5	28	.....
" " "	Artists	7	10	.....
" " "	Copy boys	2	16	.....
" " "	Etchers	3	9.3	.....
" " "	Etchers' apprentices	2	11.7	.....
" " "	Linotype operators' helper	1	.....	40
" " "	Photographer	3	33.5	.....
" " "	Photographer's apprentice	1	33.5	.....
" " "	Stereotypers	3	9	.....
Machinery	Blacksmith	1	.....	4
"	Blacksmith's helper	1	.....	6
"	Machinists' helpers	3	6	.....

TABLE IV*bb*—MANUFACTURES—COLUMBUS—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Marble and granite	Letterers	3	2.5	.....
Paints and varnishes	Laborers	5	14	.....
Printing and binding	Apprentice	1	33.3	.....
" "	Binder	1	25	.....
" "	Compositors	23	8.3	.....
" "	Cutter	1	5	.....
" "	Delivery boy	1	5	.....
" "	Foreman	1	.....	10
" "	Janitor	1	5	.....
" "	Pressfeeder	1	10	.....
" "	Pressmen's assistants	4	5	.....
" "	Pressmen	11	21	.....
" "	Porters	3	.....	10
" "	Shipping clerk	1	35	.....
Roofing (iron, steel and tin)	Turners	4	12.5	.....
Sash, doors, lumber and interior finish	Carvers	1	5	.....
Soap, candles and tallow	Oil presser	1	25	.....
" "	Soap cutter	1	33.3	.....
" "	Teamster	1	16.7	.....
Steel, iron and tin	Furnace hands	292	10	.....
Stoves, ranges and furnaces	Mounters	12	5	.....
" "	Tinners	16	5	.....
Tinware, sheet-iron and galv.-iron ware	Blacksmiths	1	14	.....
" " "	Patternmakers	2	4	.....
Tools	Helper	1	5	.....
Miscellaneous	Carpenter	1	.....	16.7
"	Coaters	3	11.1	.....
"	Electricians	17	26	.....
"	Engineers	2	5.5	.....
"	Fireman	1	14.2	.....
"	Foremen	3	18.8	.....
"	Laborers	3	5.5	.....
"	Mixers	3	11.7	.....
"	Porter	1	26	.....
"	Roller	1	12.5	.....
"	Sealer	1	20	.....
"	Shipping clerks	2	23	.....
"	Stockkeepers	6	26	.....
"	Watchman	1	20	.....
Totals and averages	.....	1,756	6.5	.....
		8	.....	13.3

TABLE IV*bb*—MANUFACTURES—COLUMBUS—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Awnings, tents and flags	Sewing girls	3	9	.....
Billiard tables, bar and store fixtures	Assemblers	14	.....	21
Boots and shoes	Cutters	80	1.5	.....
" "	Fitters	625	1.5	.....
" "	Packers	18	1.5	.....
Boxes (wooden)	Boxmaker	1	25	.....
Bread and other bakery products	Bakers	6	10	.....
" " "	Candymakers	9	10	.....
Carriage and wagon material	Seamstresses	24	10	.....
Clothing	Sewers	10	15	.....
"	Trousermakers	15	8.1	.....
"	Vestmakers	7	7	.....
Lighting apparatus	Carbonizers	2	10	.....
Printing and binding	Binders	22	10.9	.....
" "	Sewers	6	12.5	.....
" "	Pressfeeders	5	6	.....
Miscellaneous	Machine hand	1	40	.....
Totals and averages	.....	834	2.6	.....
		14	.....	21

TABLE IVc—MANUFACTURES—CINCINNATI.

ADVERTISING NOVELTIES AND SIGNS—4 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Compositors	3	317	$1 50	$475 50	10
Cutters	8	283	1 58	447 14	10
Engineer	1	301	3 50	1,053 50	10
Errand boys	3	299	1 33	397 67	10
Feeders	4	317	2 00	634 00	10
Glassworkers	10	300	1 50	450 00	10
Novelty makers	15	301	1 25	376 25	10
Printers	35	296	1 81	535 76	10
Porters	5	304	1 50	456 00	10
Shippers	2	317	1 50	475 50	10
Signmakers	15	300	1 60	480 00	10
Stock clerks	2	317	1 50	475 50	10
Watchman	1	301	1 50	451 50	10

AWNINGS, TENTS AND FLAGS—7 ESTABLISHMENTS.

Awning hangers	28	300	1 81	543 00	10
Carpenter	1	310	3 00	930 00	10
Compositors	12	310	3 00	930 00	10
Cutters	5	268	2 30	616 40	10
Engineer	1	310	2 75	852 50	10
Feeders	6	310	2 00	620 00	10
Finisher	1	300	2 00	600 00	10
Fireman	1	310	1 67	517 70	10
Flag workers	2	310	3 00	930 00	10
Foremen	3	300	2 33	699 00	9.3
Helpers	3	300	1 75	525 00	10
Laborer	1	300	1 25	375 00	10
Millwright	1	310	2 50	775 00	10
Packers	3	310	2 00	620 00	10
Porters	3	310	1 16	359 60	10
Pressmen	8	309	3 00	927 00	10
Ropers	3	300	2 50	750 00	10
Shipper	1	306	2 50	765 00	10
Woodworkers	4	306	2 75	841 50	10

BAGS (PAPER AND BURLAP)—6 ESTABLISHMENTS.

Bag makers	2	295	2 00	590 00	10
Balers	2	295	1 00	295 00	10
Compositors	10	285	1 80	513 00	9.5
Compositor's assistant	1	300	1 25	375 00	9
Cutters	3	297	1 66	493 02	9.7
Driver	1	309	1 50	463 50	9
Engineers	2	298	3 00	894 00	9.5
Engravers	3	313	2 33	729 29	10
Feeders	24	290	1 69	490 10	9.5
Finishers	2	254	1 75	444 50	10
Foremen's assistant	1	300	1 17	351 00	9
Foremen	5	299	3 00	897 00	9.6
Laborers	5	297	1 50	445 50	9.6
Laborers (boys)	16	280	66	184 80	10
Machine hands	15	285	1 58	450 30	9.8
Machinists	1	295	3 00	885 00	10
Packers	18	305	1 28	390 40	9.5
Porters	6	272	1 70	462 40	9.7
Pressmen	3	297	2 72	807 84	9
Pressmen's assistants	7	311	73	227 03	9.9
Shippers	3	295	1 50	442 50	10
Wrappers	2	254	2 00	508 00	10

BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—2 ESTABLISHMENTS.

Laborers	2	306	1 10	336 60	10
Machinists	4	306	2 00	612 00	10
Repairers	4	300	1 98	594 00	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

BILLIARD TABLES, BAR AND STORE FIXTURES—13 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blacksmith	1	300	$2 50	$750 00	9
Buffer	1	282	2 20	620 40	9
Cabinetmakers	168	303	2 20	666 60	9.4
Carpenters	47	310	2 25	697 50	9
Carvers	3	300	2 08	624 00	9
Casing cleaners	2	310	2 00	620 00	9
Casing makers	12	300	2 00	600 00	9
Designer	1	300	2 00	600 00	9
Drivers	11	305	1 81	552 05	9.5
Electrician	1	300	2 00	600 00	10
Engineers	7	302	2 45	739 90	9.4
Errand boy	1	310	65	201 50	10
Filler	1	310	1 25	387 50	10
Finishers	21	298	1 87	557 26	9.3
Fireman	1	300	1 75	525 00	10
Foremen	6	302	2 50	755 00	10
Frizzers	2	300	2 00	600 00	9.7
Glaziers	11	301	2 36	710 36	10
Laborers	17	302	1 46	440 92	9.4
Laborers (boys)	2	300	50	150 00	9
Machine hands	49	303	1 47	445 41	9.1
Machinists	36	301	2 01	605 01	9
Packers	11	302	1 55	468 10	9.6
Rubbers	4	302	1 56	471 12	9.8
Sawyers	5	300	1 67	501 00	9.7
Showcase makers	7	300	2 20	660 00	10
Silver worker	1	300	2 00	600 00	10
Slate driller	1	310	1 75	542 50	10
Spinner	1	282	1 75	493 50	9
Tinners	3	300	2 25	675 00	9
Turners	2	300	2 35	705 00	9.2
Up-fitters	5	300	2 00	600 00	9.7
Varnishers	22	305	2 85	869 25	9.4

BOILERS, ENGINES AND TANKS—9 ESTABLISHMENTS.

Apprentices	25	302	95	286 90	9.6
Blacksmiths	10	294	2 76	821 44	9.8
Blacksmiths' helpers	3	300	1 70	510 00	10
Boilermakers	37	306	2 60	795 60	9
Boilermakers' helpers	21	306	1 94	593 64	9
Carpenters	2	300	2 41	723 00	9.5
Coppersmith	1	300	3 20	960 00	10
Coremaker	1	300	2 37	711 00	10
Draughtsmen	4	296	4 00	1,184 00	10
Engineers	5	288	2 45	705 60	9.6
Errand boy	1	300	60	180 00	10
Helpers	22	296	1 70	503 20	10
Hostler	1	300	1 83	549 00	10
Ironworkers	79	298	2 08	619 84	9.4
Laborers	113	301	1 50	451 50	9.6
Lathe hands	3	300	1 50	450 00	9
Machinists	122	298	2 59	771 82	9.5
Millwright	1	305	2 50	762 50	9.5
Moulders	11	304	3 06	930 24	10
Moulders' helpers	2	300	1 70	510 00	10
Nickleplater	1	300	2 80	840 00	10
Painter	1	300	2 25	675 00	9
Patternmakers	4	304	2 92	886 68	9.6
Pipe fitters	3	300	2 70	810 00	10
Pipe fitters' helpers	4	300	1 70	510 00	10
Polishers	3	300	2 30	690 00	10
Rivet heaters	6	296	1 25	370 00	10
Stockkeepers	2	300	1 90	570 00	10
Timekeepers	2	300	1 60	480 00	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

BOOTS AND SHOES—26 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentices	14	293	$0 66	$193 38	9.8
Assorters	4	292	1 42	414 64	9.5
Bottomers	848	275	1 89	519 75	9.8
Bottomers (boys)	10	300	50	150 00	10
Cobblers	2	296	2 00	592 00	10
Crimpers	3	297	2 23	662 31	10
Cutters	789	287	2 04	585 48	9.5
Cutters' helpers	28	207	96	198 72	10
Edge setters	3	262	1 92	463 04	10
Engineers	6	291	3 11	905 01	10
Finders	11	285	1 75	498 75	9.5
Finishers	483	272	1 79	486 88	9.9
Fitters	32	276	1 57	433 32	9.9
Foremen	20	223	3 34	744 84	9.9
Heelers	6	258	2 00	516 00	10
Helpers	65	288	1 10	316 80	9.9
Laborers	6	300	1 00	300 00	10
Lasters	988	276	1 72	474 72	9.9
Lasters (boys)	7	286	1 00	286 00	9.6
Leveler	1	288	2 00	576 00	10
Machine operators	69	286	2 40	686 40	10
Packers	43	282	1 75	493 50	9.9
Patternmakers	16	279	1 64	457 56	9.9
Sanders	6	288	1 58	455 04	10
Shippers	3	296	2 00	592 00	10
Shoemakers	36	208	1 96	407 68	9.9
Sole leather hands	33	291	1 87	544 17	9.8
Sorter	1	290	2 25	652 50	9
Stamper	1	296	75	222 00	10
Stitchers	7	284	3 21	911 64	9.5
Stitchers (boys)	2	285	80	228 00	9.5
Stock hands	142	275	1 84	506 00	10
Tackers	2	288	1 50	432 00	10
Treers	34	260	2 24	582 40	9.2
Trimmers	88	275	1 09	279 75	10
Turners	86	276	2 89	797 64	10
Watchmen	2	280	2 00	560 00	10
Welts and turners	25	182	1 93	351 26	10

BOXES (PAPER)—9 ESTABLISHMENTS.

Boxmakers	6	270	2 00	540 00	9
Compositor	1	310	2 15	666 50	10
Coverers	2	315	1 25	393 75	10
Cutters	27	305	1 65	503 25	10
Cutters (boys)	2	300	85	255 00	10
Drivers	2	301	1 32	397 32	10
Ender	1	302	1 25	377 50	10
Engineer	1	270	2 00	540 00	9
Foremen	2	308	2 75	847 00	10
Gluers	6	304	1 24	376 96	10
Gum makers	3	270	1 50	405 00	9
Laborers	29	239	90	215 10	9.9
Labeler	1	270	1 00	270 00	10
Machine hands	2	275	1 25	343 75	10
Porters	2	309	1 50	463 50	10
Pressfeeders	3	310	1 25	378 50	10
Puncher	1	310	1 00	310 00	10
Scorers	6	309	1 46	451 14	10
Shipping clerks	3	309	1 45	448 05	10
Tube rollers	2	315	1 25	393 75	10

BOXES (WOODEN)—11 ESTABLISHMENTS.

Box makers	40	302	1 44	434 88	10
Cutters	3	298	1 94	578 12	9.3
Cutters' helpers	3	300	1 66	498 00	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

BOXES (WOODEN)—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	16	341	$1 48	$504 68	10
Elevator hand	1	308	1 50	462 00	10
Engineers	7	300	2 49	747 00	10
Filers	3	294	2 42	711 48	10
Finisher	1	295	1 66	489 70	9
Foremen	2	302	3 20	966 40	10
Helpers	2	300	1 45	435 00	10
Hingers	2	281	35	98 35	5
Laborers	61	325	1 29	419 25	10
Laborers (boys)	33	300	84	252 00	10
Machine hands	13	293	1 73	506 89	10
Nailers	64	299	1 67	499 33	9.9
Nailers (boys)	2	308	50	154 00	10
Planers	5	304	1 60	486 40	10
Printers	8	294	1 31	385 14	9.7
Sawyers	57	297	1 81	537 57	9.6
Sorter	1	295	66	194 70	9
Veneerers	4	308	1 66	511 28	10
Watchman	1	308	1 50	462 00	10
BREAD AND OTHER BAKERY PRODUCTS—26 ESTABLISHMENTS.					
Bakers	159	312	1 96	611 52	9.6
Bakers (boys)	24	303	1 21	366 63	10
Benchmen	44	309	2 00	618 00	9
Box maker	1	244	1 08	263 52	10
Candymakers	8	300	2 50	750 00	8.4
Carpenter	1	309	2 00	618 00	10
Clerks	6	307	2 33	715 31	9.7
Cooks	2	320	2 50	800 00	9
Coopers	3	287	1 61	462 07	10
Drivers	38	297	1 74	516 78	10
Elevator hands	2	276	1 17	322 92	10
Engineers	4	291	2 62	762 42	10
Foremen	4	304	2 58	784 32	10
Helpers	29	291	1 23	357 93	9.2
Ice cream makers	5	300	1 90	570 00	9
Laborers	31	289	1 01	291 89	10
Laborers (boys)	20	309	83	256 47	10
Machine hands	2	276	1 66	458 16	10
Millers	3	306	2 50	765 00	10
Mixers	13	299	2 39	714 61	9.5
Mixers' assistants	3	309	1 17	361 53	10
Oven tenders	13	304	2 41	732 64	9.5
Oven tenders' assistants	2	309	1 08	333 72	10
Packers	5	300	75	225 00	10
Peelers	3	287	2 05	588 35	10
Peeler's assistant	1	309	1 67	516 03	10
Porters	8	308	1 37	421 96	9.7
Preserve makers	2	300	2 50	750 00	10
Roller hands	2	309	1 75	540 75	10
Shippers	2	309	1 91	590 19	10
Stock clerk	1	309	2 00	618 00	10
Watchmen	2	304	1 50	456 00	9.5
BRICK AND TILE—9 ESTABLISHMENTS.					
Brickmakers	44	120	1 62	194 40	9
Burners	10	122	2 15	262 30	10
Dryers	5	230	1 50	345 00	10
Dumper	1	100	1 75	175 00	8
Engineers	2	112	2 50	280 00	9
Foremen	4	282	3 40	958 80	10
Handlers	20	230	1 85	425 50	8
Laborers	31	199	1 54	306 46	10
Machine hands	2	120	2 00	240 00	10
Miners	10	204	1 55	316 20	9.6

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

BRICK AND TILE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Molders	15	134	$2 18	$292 12	10
Mosaic workers	10	300	2 50	750 00	10
Off bearers	14	195	1 87	348 65	10
Pallet boy	1	100	1 00	100 00	8
Pit fillers	6	150	2 58	387 00	10
Sanders	3	100	1 58	158 00	8
Setters	15	177	2 33	412 41	92
Steam shovelers	6	230	1 60	368 00	10
Strikers-off	1	100	1 75	175 00	8
Teamsters	16	168	1 98	332 64	9.8
Temperers	2	150	2 00	300 00	10
Truckers	7	100	1 75	175 00	8
Wheelers	7	146	2 28	332 88	10
BROOMS AND BRUSHES—10 ESTABLISHMENTS.					
Apprentice	1	290	67	194 30	9
Broommakers	13	301	1 97	592 97	9.2
Brushmakers	48	305	1 43	436 15	9.7
Bunchers	2	301	1 37	412 37	9
Driver	1	295	2 15	634 25	10
Errand boys	2	299	49	146 51	9.5
Laborers	2	308	1 75	539 00	10
Sewers	2	295	1 97	581 15	8.5
Shippers	2	305	1 70	518 50	9
Sizer	1	290	1 00	290 00	8
Sizers (boys)	2	300	66	198 00	10
Sorters	8	303	1 46	442 38	10
Tyers	5	300	1 75	525 00	9
Wire goods makers	33	307	1 62	497 34	10
BUNGS—3 ESTABLISHMENTS.					
Coopers	5	307	1 25	383 75	9
Drivers	3	307	2 00	614 00	9
Elevator hands	2	307	1 50	460 50	9
Engineer	1	307	2 00	614 00	9
Foremen	8	306	3 65	1,116 90	9.5
Inspectors	3	307	3 00	921 00	9
Laborers	12	307	1 35	414 45	9
Laborers (boys)	6	300	72	216 00	9.7
Machine hands	31	305	1 36	414 80	9.1
Machine hands' helpers	26	305	1 11	338 55	9.2
Machinists	5	307	2 25	690 75	9
Saw filer	1	307	1 50	460 50	9
Sorters	30	307	75	230 25	9
CARRIAGES AND WAGONS—51 ESTABLISHMENTS.					
Apprentices	4	300	1 00	300 00	10
Assemblers	9	300	1 75	525 00	10
Bench hands	40	300	2 00	600 00	10
Blacksmiths	346	276	2 43	669 68	7.7
Blacksmiths' helpers	51	301	1 57	472 57	9.8
Bodymakers	8	307	2 75	844 25	10
Craters	54	272	1 69	459 68	9.8
Cushion makers	5	290	2 00	580 00	10
Drivers	6	271	1 61	436 31	10
Engineers	5	263	2 51	660 13	9 8
Finishers	3	250	1 25	312 50	8.3
Fireman	1	300	1 50	450 00	10
Foremen	26	300	3 03	909 00	9.7
Gear hands	11	277	2 11	584 47	10
Hostlers	2	225	1 50	337 50	9.5
Iron workers	4	305	2 00	610 00	9
Laborers	94	294	1 46	429 24	9.7
Laborers (boys)	10	296	86	254 56	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

CARRIAGES AND WAGONS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machine hands	84	302	$2 07	$625 14	10
Mounters	24	305	2 08	634 40	10
Packers	34	296	1 74	515 04	9.6
Painters	636	275	1 93	530 75	9.5
Painters' helpers	4	300	1 50	450 00	9
Porter	1	300	1 66	498 00	10
Shippers	10	283	2 01	568 83	10
Stitcher	1	290	1 75	507 50	10
Trimmers	317	269	2 03	546 07	9.5
Varnishers	5	307	2 50	767 50	10
Wagon makers	14	328	2 07	678 96	10
Wareroom hands	64	263	1 90	499 70	9.7
Wareroom hand (boy)	1	290	75	217 50	10
Watchmen	2	295	1 83	539 85	10
Woodworkers	153	291	2 21	643 11	9.5
CARRIAGE AND WAGON MATERIALS—15 ESTABLISHMENTS.					
Blacksmiths	11	290	2 65	768 50	9.8
Blacksmiths' helpers	8	300	1 50	450 00	9.5
Bodymakers	136	300	1 29	387 00	10
Buffers	4	300	2 00	600 00	9
Cutter	1	300	1 50	450 00	9
Drivers	3	291	1 80	523 80	10
Engineers	2	300	2 17	651 00	10
Finishers	21	352	2 13	749 76	10
Fitters	25	306	2 00	612 00	10
Foremen	3	300	3 30	990 00	10
Forgers	30	306	2 00	612 00	10
Glass benders	4	300	2 00	600 00	9
Glass levelers	4	300	2 00	600 00	9
Grinders	20	306	2 25	688 50	8
Japanner	1	300	2 50	750 00	9
Jointer	1	300	2 00	600 00	10
Laborers	64	325	1 63	529 75	10
Laborers (boys)	13	293	75	219 75	10
Machine hands	136	300	1 99	597 00	10
Machinists	2	306	2 30	765 00	10
Metal workers	4	300	2 00	600 00	10
Packer	1	300	1 50	450 00	9
Painters	5	285	2 30	655 50	10
Plater	1	300	2 00	600 00	9
Polemakers	11	281	2 47	694 07	10
Press hands	6	300	1 50	450 00	9
Rattan worker	1	302	2 25	679 50	10
Shaftmakers	10	285	2.74	780 90	10
Shearmen	10	306	1 70	520 20	10
Spinners	2	300	2 00	600 00	10
Trimmers	8	300	1 93	579 00	9.5
Trimmers' helpers	10	300	75	225 00	9.5
Turners	12	297	2 14	635 58	9.5
Woodworkers	76	300	2 41	723 00	10
CIGARS—54 ESTABLISHMENTS.					
Bunchbreakers	151	306	1 56	477 36	8.5
Carpenter	1	299	2 00	598 00	10
Caser	1	275	1 15	316 25	8.3
Cigarmakers	361	284	1 91	542 44	8
Cigarmaker (boy)	1	300	58	174 00	9
Clerks	2	300	2 00	600 00	12
Elevator hand	1	299	1 17	349 83	10
Engineer	1	299	3 00	897 00	10
Fillermen	6	290	1 85	536 50	8
Fireman	1	299	1 67	499 33	10
Foremen	13	295	2 64	778 80	9.6
Laborers	19	293	1 60	468 80	8.6

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

CIGARS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	121	294	$2 31	$679 14	8.2
Rollers	261	299	1 61	481 39	8.5
Shippers	2	287	1 58	453 46	9.2
Stamper	1	299	1 00	299 00	9.5
Stogiemakers	5	265	2 60	689 00	9.5
Strippers	74	296	72	213 12	8.3
Watchman	1	299	1 86	556 14	10
CLOTHING—168 ESTABLISHMENTS.					
Bushelmen	30	300	2 05	615 00	9.2
Buttonhole makers	3	302	1 50	453 00	9
Catalogue folders	5	308	1 00	308 00	9.5
Cleaner	1	300	2 50	750 00	10
Cloak makers	3	308	2 50	770 00	9.5
Coatmakers	387	297	2 55	757 35	8.9
Cutters	627	291	2 97	864 27	8.7
Cutters' helpers	11	289	1 76	508 64	9
Drivers	2	306	1 25	382 50	9
Dyer	1	300	2 50	750 00	10
Elevator hands	4	305	1 38	420 90	11.3
Engineers	5	308	1 85	569 80	9
Errand boys	9	285	61	173 85	9.3
Examiners	27	305	2 55	777 75	9
Fitters	12	304	95	288 80	9
Foremen	7	303	5 17	1,566 51	10.3
Foremen's assistant	1	312	6 00	1,872 00	9
Helpers	66	299	95	284 05	9
Machine operators	109	299	2 23	666 77	9.2
Packers	9	306	2 02	618 12	9.2
Porters	15	302	1 87	564 74	9.2
Pressers	117	298	2 04	607 92	8.9
Pressers (boys)	9	308	1 00	308 00	9
Receivers	2	308	1 75	539 00	9.5
Shipping clerks	10	303	2 03	615 09	9.5
Skirtmakers	3	300	1 25	375 00	9
Sponger	1	308	1 16	357 28	8.7
Stockkeepers	93	303	1 92	581 76	8.7
Stockkeepers' helpers	3	300	1 50	450 00	9.5
Tailors	599	305	2 77	844 45	8.5
Trimmers	113	312	2 21	689 52	9
Trimmers' helpers	5	296	90	266 40	9
Trouser makers	139	295	2 28	672 60	8.9
Vestmakers	69	290	2 27	658 30	8.7
Watchman	1	306	1 45	443 70	12
COFFEE, BAKING POWDER AND SPICES—7 ESTABLISHMENTS.					
Baking powder makers	3	308	1 83	563 64	8.6
Drivers	3	309	1 88	580 92	9
Engineers	2	307	2 75	844 25	9
Foremen	4	302	3 04	918 08	9.2
Laborers	16	303	1 50	454 50	9.2
Packers	14	309	1 30	401 70	9
Porters	6	305	1 58	481 90	9.1
Printers	5	307	1 25	383 75	9
Pulverizer	1	304	1 50	457 50	9
Roasters	7	305	1 72	524 60	9
Spice grinders	2	305	2 00	610 00	9.5
COFFINS AND BURIAL CASES—4 ESTABLISHMENTS.					
Blacksmiths	7	309	2 35	726 15	9.5
Boxmakers	4	309	2 00	618 00	9.5
Buffers	15	309	2 00	618 00	9.5
Cabinetmakers	4	280	1 75	490 00	8.5
Carpenters	2	307	2 50	767 50	9.7

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

COFFINS AND BURIAL CASES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Carvers	3	309	$2 50	$772 50	9.5
Cloth workers	28	306	1 97	602 82	9
Coffin maker	1	309	2 25	695 25	9.5
Electrician	1	309	2 25	695 25	9.5
Elevator hands	3	309	1 05	324 45	9.5
Engineers	7	306	2 20	673 20	9.9
Fireman	1	309	1 75	540 75	9.5
Grinders	2	309	2 00	618 00	9.5
Helpers	8	309	80	247 20	9.5
Janitor	1	309	1 50	463 50	9.5
Laborers	20	306	2 05	627 30	9.8
Machine hands	3	309	2 58	797 22	9.5
Machinists	11	306	1 87	572 22	8.9
Metal workers	217	306	1 59	486 54	8.7
Mold and die workers	6	307	3 06	939 42	9.6
Moulders	2	309	3 00	927 00	9.5
Mounters	8	309	1 50	463 50	9.5
Packers	3	309	1 78	550 02	9.5
Painters	42	307	2 32	712 24	8.9
Pipe fitter	1	309	2 00	618 00	9.5
Platers	10	309	1 67	516 03	9.5
Press hand	1	309	1 50	463 50	9.5
Teamsters	2	309	2 25	695 25	9.5
Tinners	3	306	2 30	703 80	9.3
Varnishers	3	273	1 66	453 18	8.3
Watchmen	5	307	1 93	592 51	9.7
Woodworkers	105	306	1 96	599 76	9
CONFECTIONERY—14 ESTABLISHMENTS.					
Bakers	2	333	1 80	599 40	10
Candymakers	78	306	1 90	581 40	9.8
Candymakers' helpers	57	309	1 31	404 79	9.8
Drivers	8	319	1 39	443 41	9.7
Engineers	3	305	2 83	863 15	9.6
Foreman	1	300	3 00	900 00	10
Helpers	85	295	1 25	368 75	9.9
Ice cream makers	5	327	1 98	647 46	9.8
Porters	3	324	1 06	343 44	9.6
Rollers	9	295	1 25	368 75	10
Spinners	9	295	2 25	663 75	10
Watchman	1	307	1 50	460 50	9
COOPERAGE—11 ESTABLISHMENTS.					
Apprentice	1	308	66	203 28	10
Blacksmith	1	306	1 75	535 50	10
Carpenter	1	306	2 25	688 50	10
Coopers	345	256	2 08	532 48	8.7
Engineers	8	236	2 79	658 44	8.5
Foreman	1	308	3 66	1,127 28	10
Helpers	50	306	2 50	765 00	9
Laborers	130	237	1 34	317 58	8.3
Machine hands	197	263	2 08	547 04	8.9
Machinists	11	213	2 25	479 25	8
Teamsters	14	244	1 74	424 56	10
Watchman	1	306	1 75	535 50	10
Yard hands	2	306	1 25	382 50	10
COPPER AND BRASS GOODS—23 ESTABLISHMENTS.					
Apprentices	18	301	1 15	346 15	9.9
Blacksmith	1	308	2 65	816 20	9
Buffers	15	284	2 16	613 44	10
Burnisher	1	300	2 00	600 00	9.5
Carpenters	3	308	1 71	526 68	9.8
Casting cleaner	1	312	1 50	468 00	10
Coppersmiths	59	301	3 37	1,014 37	9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

COPPER AND BRASS GOODS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Coppersmiths' helpers	36	298	$1 51	$449 98	9
Coremakers	45	300	1 47	441 00	9.2
Diemaker	1	300	3 00	900 00	9.5
Draughtsmen	3	296	1 35	399 60	9.1
Drivers	3	310	1 88	582 80	10
Engineers	7	302	2 64	797 28	9.5
Errand boys	2	293	50	146 50	10
Erector	1	312	2 50	780 00	10
Erector's assistant	1	312	1 83	570 96	10
Etcher	1	300	2 50	750 00	9.5
Finishers	336	299	1 86	556 14	9.4
Fireman	1	310	1 83	567 30	10
Foremen	5	311	2 97	923 67	9
Furnace hand	1	293	2 25	659 25	10
Grinders	3	300	1 50	450 00	9.8
Helpers	14	306	1 58	483 48	9.1
Jewelers	4	300	1 50	450 00	9.5
Laborers	94	297	1 45	430 65	9.4
Laborers (boys)	4	307	75	230 25	10
Lathe hands	50	301	2 09	629 09	11.2
Machinists	10	291	2 41	701 31	9.9
Metal stampers	2	300	2 50	750 00	9.5
Moulders	89	297	2 41	715 77	9.6
Moulders' helpers	1	287	2 00	574 00	9
Mounters	20	312	2 15	670 80	9
Packers	18	305	1 59	484 95	9.7
Patternmakers	24	298	2 33	694 34	9.4
Platers	26	309	2 03	627 27	9.9
Polishers	44	308	1 73	532 84	9.8
Sheet-iron workers	4	308	2 30	708 40	9
Shipping clerks	2	294	1 75	514 50	9.5
Stockkeeper	1	312	2 00	624 00	9
Timekeeper	1	312	1 15	358 80	9
Tinners	8	305	2 15	655 75	9.1
Toolmakers	23	296	2 10	621 60	9.1
Vise hands	45	303	1 68	509 04	10
Watchmen	3	303	1 61	487 83	9.6
COTTON AND WOOLEN GOODS—5 ESTABLISHMENTS.					
Brush hands	3	306	1 00	306 00	10
Carders	9	306	1 50	459 00	10
Carpenter	1	305	2 50	762 50	10
Cutters	2	306	1 35	413 10	10
Dryers	13	306	1 25	382 50	10
Dyers	10	306	1 65	504 90	9.9
Dyer's assistant	1	305	1 50	457 50	10
Engineers	5	303	2 80	848 40	10
Fireman	1	291	2 00	582 00	10
Foremen	3	301	3 33	1,002 33	9.6
Knitters	5	306	1 75	535 50	10
Laborer	1	308	1 50	462 00	9
Packers	2	307	1 33	408 37	9.5
Pickers	40	294	1 50	441 00	10
Porter	1	300	1 50	450 00	10
Spinners	3	306	1 25	382 50	10
Teamsters	4	302	2 56	773 12	10
Warper	1	305	2 50	762 50	10
Watchman	1	305	2 00	610 00	10
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—18 ESTABLISHMENTS.					
Bottlers	4	301	1 47	442 47	9.2
Chemists	4	301	2 87	863 87	10
Compounders	17	300	85	255 00	10
Dissolvers	27	300	1 82	546 00	10.5
Engineers	12	278	2 30	639 40	11.3

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Feeders	3	300	$1 60	$480 00	10
Fillers	3	259	1 83	473 97	12
Finishers	3	259	1 72	445 48	10
Firemen	11	288	1 95	561 60	12
Foremen	6	295	2 20	649 00	11.1
Helpers	7	282	1 75	493 50	12
Inspector	1	360	1 50	540 00	10
Laboratory hands	2	313	1 50	469 50	9
Laborers	20	305	1 73	527 65	10.1
Laborers (boys)	4	275	50	137 50	10
Machine hands	5	275	1 50	412 50	10
Packers	4	301	1 47	442 47	9.2
Porters	4	265	1 51	400 15	10
Pressmen	5	305	2 47	753 35	10
Printer	1	307	2 50	767 50	10
Refiners	3	300	3 00	900 00	8
Stillmen	7	235	2 04	479 40	11.1
Stock hands	22	300	1 50	450 00	10
Teamsters	3	308	3 33	1,025 64	10
Watchman	1	275	1 50	412 50	12
ELECTRICAL GOODS AND SUPPLIES—9 ESTABLISHMENTS.					
Apprentices	3	309	1 05	324 25	10
Assemblers	48	308	1 95	600 60	9.7
Blacksmiths	5	307	2 26	693 82	9.9
Boxers	8	308	1 80	554 40	9.7
Buffers	4	308	1 95	600 60	9.7
Carpenters	6	307	2 57	788 99	9.8
Commutator makers	44	308	1 63	502 04	9.7
Crane operators	12	308	1 95	600 60	9.7
Draughtsmen	30	308	3 00	924 00	8.2
Electrical workers	32	305	2 09	637 45	9.5
Electricians	17	306	2 53	774 18	9.2
Engineer	1	306	2 50	765 00	10
Erectors	10	308	1 95	600 60	9.7
Finishers	3	300	1 65	495 00	10
Fitters	5	305	3 50	1,067 50	9
Foremen	2	300	2 25	675 00	10
Foundry hands	121	308	1 78	548 24	9.9
Inspectors	5	308	2 19	674 32	9.7
Laborers	36	305	1 54	469 70	9.9
Laborers (boys)	36	306	69	211 14	10
Machinists	137	306	2 41	737 46	9.8
Moulders	2	300	2 50	750 00	10
Novelty workers	12	295	1 25	368 75	10
Painters	13	308	1 78	548 24	9.7
Patternmakers	31	307	2 77	850 39	9.7
Plumbers	2	308	2 50	770 00	9.7
Porters	14	307	1 33	408 31	9.9
Punch hands	30	308	1 61	495 88	9.7
Shipper	1	305	1 00	305 00	9
Stockroom hands	11	308	1 46	449 68	9.7
Testers	20	308	2 19	674 52	9.7
Toolmakers	30	308	2 44	751 52	9.7
Watchmen	4	306	155	474 30	12
Winders	75	308	1 31	403 48	9.7
Yardmen	20	308	1 61	495 88	9.7
ELEVATORS AND HOISTING MACHINERY—6 ESTABLISHMENTS.					
Blacksmiths	2	307	2 50	767 50	10
Carpenters	37	302	2 58	779 16	10
Driver	1	307	1 75	537 25	10
Electrical workers	10	307	2 75	844 25	10
Engineer	1	307	2 50	767 50	10
Erectors	3	300	2 50	750 00	9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

ELEVATORS AND HOISTING MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Helpers	14	305	$1 82	$555 10	9.7
Helpers (boys)	2	306	50	153 00	10
Laborers	21	307	1 55	475 85	9.9
Machinists	66	305	2 68	817 40	9.9
Millwrights	2	308	3 15	970 20	9
Painters	2	307	3 00	921 00	10
Patternmaker	1	307	2 50	767 50	10
Polishers	2	307	2 25	690 75	10
Tinner	1	306	2 00	612 00	10
Woodworker	1	306	2 00	612 00	10
EXTRACTS, TOILET ARTICLES AND PERFUMERY—5 ESTABLISHMENTS.					
Bottlers	2	296	2 00	592 00	8.5
Chemists	4	297	2 12	629 64	8.8
Engineer	1	308	3 33	1,025 64	9
Errand boy	1	308	70	215 60	9
Laborers	5	308	1 50	462 00	9
Packers	2	304	2 25	684 00	9.5
Porters	3	308	1 24	381 92	9.3
Shipping clerk	1	308	1 80	554 40	9
FERTILIZERS—2 ESTABLISHMENTS.					
Acid makers	2	365	2 00	730 00	10
Carpenter	1	350	2 50	875 00	10
Chemists	2	350	1 40	490 00	10
Draughtsman	1	350	2 15	752 50	10
Engineers	2	357	3 33	1,188 81	10
Firemen	6	360	1 97	709 20	10.6
Foremen	4	350	2 64	924 00	12
Laborers	108	358	1 50	537 00	10
Machinist	1	350	2 00	700 00	10
Teamsters	3	350	1 78	623 00	10
Timekeeper	1	350	70	245 00	10
Watchmen	2	357	1 60	571 20	11
FLOURING MILL PRODUCTS—3 ESTABLISHMENTS.					
Engineers	3	240	2 77	664 80	10.6
Firemen	2	209	1 62	338 58	11
Laborers	9	199	1 38	274 62	10
Millers	4	227	2 73	619 71	10.5
Packers	2	302	1 66	501 32	10
Teamsters	5	256	1 79	458 24	10
Warehousemen	7	232	1 75	406 00	12
Watchmen	1	187	1 75	327 25	10
FOUNDRY AND MACHINE SHOP PRODUCTS—28 ESTABLISHMENTS.					
Apprentices	131	293	1 17	342 81	9.9
Binders	2	290	1 25	362 50	10
Blacksmiths	10	299	2 58	771 42	9.7
Blacksmiths' helpers	5	302	1 70	513 40	9.7
Carpenters	19	288	2 38	685 44	10
Casting cleaners	20	285	1 63	464 55	10
Clerks	2	307	2 60	798 20	9.5
Chippers	23	293	1 77	518 61	10
Coremakers	82	278	2 44	678 32	10
Coremakers' helpers	34	241	1 40	337 40	10
Crane hand	1	300	2 00	600 00	10
Cupola tenders	17	285	2 17	618 45	10
Drivers	2	286	2 00	572 00	10
Engineers	16	285	2 46	701 10	9.9
Finishers	24	256	1 93	494 08	10
Fireman	1	300	2 00	600 00	9.7
Fitters	3	365	3 00	1,095 00	8

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Foremen	4	297	$4 48	$1,315 71	10
Helpers	13	296	1 66	491 36	9.4
Laborers	371	297	1 51	448 47	7.1
Laborers (boys)	7	300	67	201 00	10
Lathe hands	2	300	1 67	501 00	10
Machine hands	102	299	2 42	723 58	9.7
Machinists	122	310	2 91	902 10	9.7
Millwright	1	300	2 25	675 00	10
Moulders	407	261	2 87	749 07	9.9
Moulders' helpers	57	242	1 52	367 84	10
Packers	6	290	1 15	333 50	10
Painter	1	328	1 50	492 00	10
Pattern carriers	3	291	2 33	678 03	10
Patternmakers	12	294	2 62	770 28	9.1
Scale makers	3	307	3 00	921 00	10
Screw machine hands	32	280	1 06	296 80	10
Shipping clerk	1	290	3 00	870 00	10
Shop hands	15	307	2 46	755 22	9.5
Teamsters	2	290	1 35	391 50	10
Timekeeper	1	300	1 00	300 00	10
Watchmen	10	291	1 62	471 42	10.2
Woodworkers	7	322	1 64	528 08	10
Yardmen	2	275	1 75	481 25	10
FURNITURE—49 ESTABLISHMENTS.					
Apprentice	1	300	50	150 00	10
Assemblers	3	272	1 75	476 00	10
Bill makers	4	300	3 00	900 00	10
Bronzer	1	300	1 50	450 00	10
Buffers	6	272	1 75	476 00	10
Cabinetmakers	512	340	2 23	758 20	9.8
Car men	9	300	1 75	525 00	10
Carpet sewers and layers	6	308	1 66	511 28	9.5
Carvers	56	300	2 32	696 00	9.9
Chairmakers	42	296	1 78	526 88	9.8
Decorators	2	276	3 00	828 00	9
Engineers	18	301	2 38	716 38	9.8
File case makers	100	292	1 30	379 60	10
Finishers	175	299	1 74	520 26	9.9
Firemen	2	320	1 58	505 60	10
Foremen	11	302	3 20	966 40	10
Gilders	2	300	2 00	600 00	10
Grinders	3	276	2 50	690 00	9
Iron bed makers	14	272	1 75	476 00	10
Laborers	44	309	1 40	432 60	9.9
Laborers (boys)	32	287	72	206 64	9.7
Lacquerers	3	272	1 75	476 00	10
Lumber hands	4	300	1 83	549 00	10
Machine hands	482	308	1 92	591 36	9.5
Machinists	6	272	2 00	544 00	10
Mattress makers	4	300	1 75	525 00	10
Mill hands	65	300	2 25	675 00	10
Moulder	1	272	2 00	544 00	10
Ornamenters	2	300	1 50	450 00	10
Packers	86	300	1 45	435 00	10
Polishers	18	308	2 11	649 88	9.4
Reed workers	70	300	2 00	600 00	10
Rubbers	5	300	1 25	375 00	10
Shipping clerks	56	292	1 27	370 84	9.9
Teamsters	8	296	1 88	556 48	9.8
Up-fitters	12	301	2 75	827 75	9.9
Upholsterers	119	274	2 02	553 48	9.9
Upholsterers (boys)	1	300	1 25	375 00	10
Varnishers	247	301	1 20	361 20	8.8
Varnisher (boys)	1	291	1 50	436 50	10
Veneerer	1	302	2 25	679 50	10
Watchmen	2	329	1 75	575 75	11
Woodworkers	32	294	1 60	470 40	9.8

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

GLASS AND GLASSWARE—4 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Art glass workers	10	300	$2 00	$600 00	9
Bevelers	7	283	2 19	619 77	10
Blowers	100	305	7 50	2,287 50	8.5
Blowers' helpers	150	305	67	204 35	8.5
Cementers	2	300	2 00	600 00	8
Cutters	8	295	2 59	764 05	8.5
Engineer	1	283	2 25	636 75	10
Glaziers	8	300	2 50	750 00	8
Helpers	4	300	1 00	300 00	8
Laborers	200	305	1 50	457 50	10
Laborers (boys)	2	283	72	203 76	10
Miscellaneous helpers	20	305	2 50	762 50	10
Packers	2	283	1 75	495 25	10
Polishers	16	283	1 67	472 61	10
Silverers	4	283	2 54	718 82	10
Smoothers	6	283	2 53	715 99	10

HARDWARE—4 ESTABLISHMENTS.

Apprentices	5	300	1 00	300 00	9
Assemblers	4	260	1 75	455 00	10
Blacksmiths	4	291	2 18	634 38	9.7
Blacksmiths' helpers	3	288	1 50	432 00	10
Buffer	1	300	1 50	450 00	10
Coremakers	2	300	2 00	600 00	9
Die sinkers	3	288	2 25	648 00	10
Engineers	3	282	2 58	727 56	9.6
Filers	2	300	1 25	375 00	10
Finishers	8	300	2 75	825 00	9
Laborers	73	284	1 40	397 60	9.9
Laborers (boys)	22	288	83	239 04	10
Locksmiths	28	300	2 50	750 00	9
Machinists	12	270	1 87	504 90	10
Moulders	5	300	2 50	750 00	9
Platers	3	260	2 00	520 00	10
Polishers	4	300	2 50	750 00	9
Teamsters	3	288	1 75	504 00	10
Tinners	6	260	2 00	520 00	10
Trimmer makers	3	288	2 00	576 00	10
Watchmen	2	274	1 73	474 02	11
Woodworkers	15	260	2 00	520 00	10

HARNESS AND SADDLERY—11 ESTABLISHMENTS.

Apprentice	1	300	1 00	300 00	10
Blacksmiths	2	300	2 00	600 00	10
Collar makers	55	299	1 96	586 04	10
Cutters	11	306	2 02	618 12	10
Finishers	7	306	1 25	382 50	10
Harness makers	233	298	2 03	604 94	9.9
Machine hands	11	306	2 50	765 00	10
Saddle makers	38	287	2 07	594 09	9.9
Sewers	5	306	1 25	382 50	10
Stuffers	8	306	1 50	459 00	10
Woodworkers	3	300	1 50	450 00	10

HATS, CAPS AND FURNISHINGS—14 ESTABLISHMENTS.

Apprentice	1	300	1 00	300 00	8
Blockers	12	323	2 04	658 92	9
Capmakers	37	336	1 90	638 40	8.9
Cutters	21	300	2 52	756 00	8.4
Dyer	1	308	3 00	924 00	10
Embroiderer	1	300	2 00	600 00	8
Errand boys	5	291	54	157 14	8.9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

HATS, CAPS AND FURNISHINGS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Finisher	1	290	$1 33	$385 70	9
Foremen	2	304	2 75	836 00	10
Laborer	1	300	1 00	300 00	9
Machine hands	17	294	1 97	579 18	9
Packers	4	350	1 00	350 00	9
Paster	1	306	50	153 00	9
Porters	2	254	1 25	317 50	9.5
Shipper	1	326	1 00	326 00	9
Stockkeepers	3	282	2 35	662 70	8
ICE (ARTIFICIAL)—7 ESTABLISHMENTS.					
Drivers	12	365	2 00	730 00	10
Engineers	11	287	3 04	872 48	12
Firemen	15	299	1 72	514 28	12
Helpers	17	365	1 70	620 50	10
Hostlers	2	330	1 70	561 00	10
Ice pullers	7	251	1 77	444 27	12
Laborer	1	235	1 64	385 40	12
Oilers	2	282	1 85	521 70	12
Tankmen	16	340	1 83	622 20	12
Watchmen	2	242	1 46	353 32	11
INKS—3 ESTABLISHMENTS.					
Color workers	11	309	2 30	710 70	10
Coopers	9	309	1 94	599 46	10
Driver	1	310	2 50	775 00	10
Elevator men	2	309	2 00	618 00	10
Engineers	3	309	3 58	1,106 22	10
Firemen	2	309	2 00	618 00	10
Ink grinders	58	309	2 35	726 15	10
Janitors	2	309	1 75	540 75	10
Mill hands	10	308	1 50	462 00	10
Oil boilers	5	309	3 50	1,081 50	10
Packers	5	309	70	216 30	10
Proofers	9	309	2 30	710 70	10
Shipping clerks	4	309	3 00	927 00	10
Varnish makers	4	310	2 00	620 00	10
Watchmen	2	309	2 30	710 70	10
IRON (STRUCTURAL AND ARCHITECTURAL)—8 ESTABLISHMENTS.					
Assemblers	10	312	2 00	624 00	9
Blacksmiths	10	303	2 58	781 74	9.2
Blacksmiths' helpers	5	300	1 50	450 00	9.4
Draughtsmen	4	307	4 08	1,252 56	9
Electrician	5	282	3 15	888 30	9
Engineers	2	310	2 60	806 00	9
Erectors	45	312	2 75	858 00	9
Finishers	41	308	2 45	754 60	9
Fireman	1	312	2 00	624 00	9
Fitters	5	312	2 00	624 00	9
Foremen	3	312	4 00	1,248 00	9
Helpers	56	309	1 80	556 20	9
Iron workers	204	318	2 23	709 14	9.3
Laborers	76	309	1 55	478 95	9
Laborer (boy)	1	360	50	180 00	10
Machine hands	4	312	2 75	858 00	9
Machinist	1	309	2 70	834 30	9
Markers	4	312	3 50	1,092 00	9
Riveters	4	312	2 50	790 00	9
Setters	10	309	2 50	772 50	9
Teamsters	3	309	1 80	556 20	9
Watchman	1	309	1 50	463 50	12

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
JEWELRY AND WATCHES—14 ESTABLISHMENTS.					
Apprentices	6	309	$1 00	$309 00	9.8
Enameler	1	300	3 40	1,020 00	10
Engravers	18	307	2 65	813 55	10
Errand boy	1	308	50	154 00	10
Finishers	3	306	2 50	765 00	10
Foreman	1	300	4 17	1,251 00	9
Jewelers	92	310	2 66	824 60	9.7
Jobbers	3	300	2 00	600 00	10
Jointers	4	306	2 50	765 00	10
Medal maker	1	300	3 00	900 00	10
Melters	2	303	2 25	681 75	10
Polishers	7	307	2 12	650 84	10
Repairers	15	302	2 27	685 54	10
Ringmakers	3	300	2 00	600 00	10
Rollers	2	306	1 50	459 00	10
Setters	6	312	3 28	1.023 36	10
Springers	3	306	2 33	712 98	10
Turner	1	306	3 33	1,018 98	10
Watch case makers	3	306	2 67	817 02	10
LEATHER AND LEATHER GOODS—12 ESTABLISHMENTS.					
Bark grinders	15	306	$1 20	$367 20	7
Beam hands	136	292	1 83	534 36	9
Belt makers	19	298	2 02	601 96	10
Blacksmiths	4	306	2 80	856 80	10
Boiler	1	306	2 67	817 02	10
Carpenters	15	306	3 10	948 60	10
Curriers	184	304	1 67	507 68	8.7
Cutters	22	295	2 23	657 85	10
Door boys	3	306	1 12	342 72	10
Dryers	4	240	2 00	480 00	10
Engineers	22	300	2 37	711 00	11.3
Finishers	28	295	1 34	395 30	10
Grainers	32	306	2 29	700 74	10
Hide house hands	35	308	1 71	526 68	9.5
Japanners	192	306	1 86	569 16	8.1
Laborers	67	261	1 50	391 50	9.9
Laborers (boys)	2	306	99	302 94	10
Loft hands	24	306	1 70	520 20	9
Moulders	13	295	1 39	410 05	10
Painters	2	306	2 33	712 98	10
Patcher	1	306	2 25	688 50	10
Pipe fitters	5	306	1 95	596 70	10
Pullers	27	240	2 00	480 00	8
Rollers	20	306	1 95	596 70	9
Scourers	64	305	1 69	515 45	9
Scrapers	5	304	1 50	456 00	10
Shippers	32	306	1 50	459 00	9
Softeners	3	306	1 87	572 22	10
Splitters	45	306	2 83	865 98	9
Stoners	2	306	1 67	511 02	10
Strap makers	2	304	1 38	419 52	10
Stuffers	5	300	1 86	558 00	10
Tackers	19	306	1 22	368 44	9
Tackers (boys)	40	306	83	253 98	9
Teamsters	9	305	1 84	561 20	10
Watchman	1	312	1 50	468 00	12
Wheel stuffer	1	312	2 00	624 00	10
Whiteners	3	300	2 50	750 00	10
Yard hands	96	300	1 80	540 00	9.3
LIQUORS (DISTILLED)—14 ESTABLISHMENTS.					
Bottlers	29	304	1 39	422 56	9.1
Bottle washers	3	300	1 00	300 00	8
Canners	8	300	1 75	525 00	9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

LIQUORS (DISTILLED)—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Carpenters	3	210	$2 44	$512 40	9.6
Cleaner	1	300	1 50	450 00	9
Compounders	12	308	2 31	711 48	9
Compounder's assistant	1	300	2 00	600 00	8
Coopers	52	295	2 20	649 00	9.3
Decorators	4	307	1 58	485 06	10
Distiller	1	25	4 16	104 00	10
Engineers	14	222	2 85	632 70	9.7
Firemen	7	309	2 07	639 63	9.7
Foremen	4	235	4 07	956 45	10
Gauger	1	314	2 67	838 38	10
Laborers	234	274	1 34	367 16	9 9
Machinists	42	307	2 50	767 50	10
Mash man	1	25	1 75	43 75	10
Millers	4	169	2 50	422 50	10
Painter	1	307	1 50	460 50	10
Porters	29	305	1 87	570 35	9.4
Shipping clerks	5	300	2 00	600 00	9
Steam fitter	1	300	3 06	918 00	9
Teamsters	2	314	1 58	496 12	10
Warehouse hands	10	314	1 80	565 20	10
Watchmen	4	238	2 08	495 04	10.5
Yeast maker	1	314	3 00	942 00	10
LIQUORS (MALT)—21 ESTABLISHMENTS.					
Apprentices	6	319	1 62	516 78	8.6
Barkeepers	2	339	1 37	464 43	9
Bottlers	116	325	1 58	513 50	9.4
Bottlers (boys)	16	328	1 04	341 12	9.6
Brewers	423	287	2 49	714 63	9
Carpenters	36	277	2 55	706 35	8.6
Carpenter's helper	1	300	1 50	450 00	9
Cellar hands	55	332	2 52	836 64	8.6
Collectors	4	309	4 32	1,334 88	9
Coopers	12	323	2 48	801 04	8.6
Drivers	337	251	2 29	574 79	9.7
Drivers' helpers	5	309	85	262 65	9
Engineers	104	302	2 75	830 50	8
Finishers	4	313	2 33	729 29	9
Firemen	75	319	2 01	641 19	7.9
Foremen	5	345	2 85	983 25	8.9
Greasers	2	332	2 00	664 00	8.5
Hostlers	59	325	2 08	676 00	9.7
Ice pullers	28	357	1 70	606 90	9.8
Kettle hands	15	322	2 58	830 76	8.4
Labelers (boys)	8	309	50	154 50	10
Laborers	22	310	1 53	474 30	9
Machinists	9	332	2 36	783 52	8.2
Millwright	1	314	2 75	863 50	8.2
Oiler	1	365	2 00	730 00	8
Pipe fittters	4	309	2 06	636 54	9
Racker	1	365	2 66	970 90	9
Stamp clerks	2	313	2 10	657 30	9
Solicitor	1	309	5 80	1,792 20	9
Washhouse hands	30	328	2 39	783 92	8.7
Watchmen	5	318	2 30	731 40	10
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—20 ESTABLISHMENTS.					
Apprentices	9	315	99	311 85	9.5
Artists	112	277	4 07	1,127 39	8
Backer	1	300	2 00	600 00	9
Blockers	3	340	2 80	952 00	8.3
Bronzer	1	300	1 25	375 00	9
Binders	15	300	1 12	336 00	8.3
Builder	1	300	2 50	750 00	9.7

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Casters	2	306	$2 17	$664 02	9
Compositors	95	299	2 27	678 73	8.7
Cutters	9	301	2 61	785 61	9.3
Cutters' assistants	2	303	1 50	454 50	9.5
Draughtsmen	9	304	4 14	1,258 56	8
Electrotypers	3	306	2 37	725 22	9
Elevator hand	1	306	1 41	431 46	9.3
Embossers	2	300	1 50	450 00	10
Engineers	14	309	2 40	741 60	8.9
Engravers	61	303	2 76	836 28	8.1
Errand boys	11	301	62	186 62	9
Etchers	7	321	4 69	1,505 49	8.1
Feeders	39	305	1 74	530 70	8.6
Finishers	25	313	2 75	860 75	8.8
Finishers' helpers	10	306	1 90	581 40	9
Fireman	1	306	1 16	354 96	9.3
Foremen	2	306	4 17	1,276 02	9
Grainers	11	310	2 14	663 40	8.3
Helpers	9	305	2 24	683 20	9.2
Ink grinders	4	309	2 64	815 76	8 8
Laborers	34	306	1 23	376 38	9.3
Laborers (boys)	15	262	70	183 40	9
Lithographers	14	306	3 44	1,052 64	8.4
Moulders	12	308	2 00	616 00	9
Moulders' helpers	7	306	94	287 64	9
Pasters	9	308	1 90	585 20	8.3
Photographers	7	316	2 49	786 84	8
Porters	4	303	1 54	466 62	9.4
Press boys	3	300	75	225 00	10
Pressmen	107	309	2 05	633 45	8.4
Pressmen's assistants	2	306	1 75	535 50	9
Proofers	2	330	3 37	1,112 10	8
Sawyer	1	300	2 50	750 00	10
Shipping clerks	36	309	1 34	414 06	8.9
Stereotyper	1	313	3 00	939 00	8
Stone grinders	22	306	2 13	651 78	8.4
Stripper	1	361	1 50	541 50	8
Transferers	45	304	3 50	1,064 00	8.8
Transferer's assistant	1	300	1 50	450 00	9
Watchman	1	308	2 60	800 80	13
Wrapper	1	306	1 50	459 00	9
MACHINERY—50 ESTABLISHMENTS.					
Apprentices	166	250	78	195 00	9.2
Bench hands	12	300	2 00	600 00	10
Blacksmiths	20	299	2 39	714 61	9.2
Blacksmith's helper	1	305	1 75	533 75	9
Boilermakers	10	305	2 88	878 40	9.1
Burr dressers	4	308	2 00	616 00	10
Cabinetmakers	4	265	2 50	662 50	10
Carpenters	43	297	2 21	656 37	9.3
Coremakers	10	303	1 50	454 50	9.9
Cupola tenders	3	302	2 16	652 32	10
Draughtsmen	23	300	3 23	969 00	8.7
Drill hands	2	300	2 00	600 00	9.5
Engineers	12	296	2 38	704 48	9
Fireman	1	308	1 75	539 00	9 5
Fitters	2	306	2 00	612 00	9
Foremen	9	302	3 34	1.008 68	9.6
Helpers	75	302	1 44	434 88	9.4
Laborers	268	300	1 67	501 00	9.5
Laborers (boys)	2	305	86	262 30	9.5
Lathe hands	20	300	1 74	522 00	9.8
Machine hands	28	273	1 68	458 64	9.8
Machinists	741	266	2 33	619 78	9.3
Machinists' helpers	7	300	1 35	405 00	9.5

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Millwrights	13	304	$2 57	$781 28	9.7
Moulders	63	302	3 08	930 16	9.8
Packer	1	280	1 90	532 00	10
Painters	58	301	1 75	526 75	9.7
Patternmakers	31	301	3 03	912 03	8.7
Planer hands	11	300	1 77	531 00	10
Polishers	2	298	1 92	572 16	9.6
Porters	2	300	1 25	375 00	9.5
Printer	1	300	1 80	540 00	9.2
Shaper hands	20	301	2 13	641 13	9.4
Sheet-iron workers	13	300	2 20	660 00	9.2
Shippers	2	282	1 50	423 00	9
Stockkeepers	5	298	1 55	461 90	9.2
Stone dressers	2	300	2 50	750 00	9.2
Teamsters	7	305	1 71	521 55	10
Tinners	16	300	2 21	663 00	9.3
Tool boys	5	300	60	180 00	9.2
Varnisher	1	265	4 50	1,192 50	10
Vise hands	17	300	2 30	690 00	9.5
Watchmen	6	293	1 85	542 05	10
Woodworkers	3	301	2 05	617 05	9.6
MALT—2 ESTABLISHMENTS.					
Apprentices	5	215	1 42	305 30	10
Engineer	1	215	1 92	402 80	10
Helpers	49	215	1 92	402 80	10
Malsters	8	201	2 02	406 02	10
Malsters' helpers	5	215	1 42	305 30	10
MARBLE AND GRANITE—4 ESTABLISHMENTS.					
Coopers	3	300	2 00	600 00	9
Cutters	8	300	2 25	675 00	9.5
Drayman	1	300	1 75	525 00	9
Engineers	2	300	2 50	750 00	9.5
Fireman	1	300	2 00	600 00	9
Laborers	7	300	1 52	456 00	9
Letterers	5	240	2 70	648 00	9
Polishers	18	300	1 75	525 00	9.2
Rubbers	6	300	2 25	675 00	9
Sawyers	3	300	2 00	600 00	10
Setters	10	300	3 50	1,050 00	9
MATTRESSES AND PILLOWS—4 ESTABLISHMENTS.					
Engineers	2	309	3 50	1,081 50	11
Fireman	1	309	2 00	618 00	12
Finishers	2	306	2 50	765 00	10
Foremen	6	308	3 66	1,127 28	9.5
Helpers	2	306	1 25	382 50	9.5
Laborers	20	309	1 50	463 50	10
Mattress makers	7	240	1 97	472 80	9.7
Porter	1	306	1 50	459 00	10
Teamsters	4	269	1 88	505 72	10
MOULDINGS AND FRAMES—6 ESTABLISHMENTS.					
Bronzers	17	291	1 73	503 43	10
Carpenters	2	290	1 50	435 00	10
Driver	1	295	2 25	663 75	10
Elevator hand	1	295	1 50	442 50	10
Engineers	2	288	3 00	864 00	10
Finishers	8	282	1 90	535 80	10
Fitters	21	293	1 67	489 31	10
Foreman	1	306	2 40	734 40	10
Frame makers	2	306	1 75	535 50	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

MOULDINGS AND FRAMES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Gilders	79	294	$1 97	$579 18	10
Joiners	26	293	1 50	439 50	10
Laborers	18	297	1 22	362 40	10
Laborers (boys)	8	282	70	197 40	10
Lacquerers	7	294	1 80	529 20	10
Machine hands	6	285	1 92	547 20	10
Ornamenters	50	292	1 61	470 12	10
Ornamenters (boys)	14	282	75	211 50	10
Packers	11	289	95	274 55	10
Porters	2	292	1 37	400 04	10
Preparers	3	300	1 75	525 00	10
Varnishers	10	285	1 60	456 00	10
Veneerers	3	282	2 00	564 00	10
Watchman	1	295	1 75	516 25	10
Woodworkers	32	292	2 01	586 92	10
OILCLOTH AND WINDOW SHADE CLOTH—2 ESTABLISHMENTS.					
Mixers	2	275	1 50	412 50	10
Painters	24	275	1 50	412 50	10
Trimmers	9	275	1 50	412 50	10
OIL AND GREASE—8 ESTABLISHMENTS.					
Blacksmiths	2	306	2 00	612 00	10
Carpenter	1	300	2 00	600 00	10
Coopers	7	304	2 00	608 00	10
Coopers' helpers	2	307	1 50	460 50	10
Drivers	46	305	1 65	503 25	8.2
Engineers	7	310	2 65	821 50	10
Fat buyer	1	340	2 50	850 00	10
Fireman	5	304	1 79	544 16	10
Helpers	15	306	1 50	459 00	8
Laborers	119	305	1 47	448 35	10
Pressmen	9	309	1 65	509 85	10
Tankman	1	309	1 75	540 75	10
Teamsters	4	307	2 25	690 75	10
Watchmen	2	303	1 75	530 25	11
PAINTS AND VARNISHES—11 ESTABLISHMENTS.					
Chemists	3	312	8 00	2,496 00	8
Driver	1	300	1 50	450 00	9
Engineers	8	285	2 35	669 75	10
Laborers	43	303	1 82	551 46	8.5
Metal hands	19	285	1 60	456 00	10
Mill hands	12	265	2 50	662 50	10
Oxide workers	13	265	2 50	662 50	10
Paint makers	69	281	1 62	455 22	9.9
Shipping clerks	7	280	1 87	523 60	10
Varnish makers	7	301	2 79	839 79	8.7
Varnish makers' helpers	6	301	2 29	689 29	9
Watchmen	4	285	1 81	515 85	10
Yard hands	93	265	1 75	463 78	10
PATTERNS AND MODELS—7 ESTABLISHMENTS.					
Apprentices	18	291	1 31	381 21	9.2
Bench hands	16	300	1 30	390 00	10
Die makers	2	300	6 00	1,800 00	10
Machinist	1	300	3 00	900 00	10
Packers	2	310	1 25	976 50	9.5
Patternmakers	36	300	3 17	951 00	9
Stampers	2	310	1 50	465 00	9.5
Varnisher	1	307	50	153 50	9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
PIANOS AND OTHER MUSICAL INSTRUMENTS—3 ESTABLISHMENTS.					
Action regulators	6	303	$3 00	$909 00	10
Cabinetmakers	23	303	1 89	572 67	10
Engineer	1	303	3 00	909 00	10
Fireman	1	303	1 50	454 50	10
Foremen	4	303	3 95	1,196 85	10
Foreman's assistant	1	303	2 50	757 50	10
Keyboard workers	6	303	1 58	478 74	10
Laborers	14	301	1 71	514 71	9.6
Machine operators	12	303	2 25	681 75	10
Millwright	1	303	2 25	681 75	10
Packers	5	302	1 80	543 60	10
Piano makers	144	300	1 58	474 00	9.5
Porters	3	300	1 25	375 00	10
Tuners	6	303	3 00	909 00	10
Varnishers	186	300	1 31	393 00	9.5
Watchmen	3	303	1 50	454 50	12
PICKLES, PRESERVES AND SAUCES—5 ESTABLISHMENTS.					
Assorters	3	313	1 50	469 50	10
Capper	1	192	2 00	384 00	10
Cookers	2	192	5 00	960 00	10
Cookers' assistant	1	192	2 00	384 00	10
Coopers	2	313	1 50	469 50	10
Engineers	3	268	2 16	578 88	10
Fireman	1	313	1 75	547 75	10
Foremen	5	313	2 00	626 00	10
Laborers	124	236	1 50	354 00	10
Packers	6	300	1 50	450 00	9
Picklers	5	302	1 65	498 30	9.8
Pressmen	2	300	2 00	600 00	10
Processors	2	246	1 87	460 02	9.5
Shippers	10	300	1 50	450 00	10
Tipper	1	192	1 85	355 20	10
Vinegar makers	12	313	1 50	469 50	10
PLATING—3 ESTABLISHMENTS.					
Buffers	21	294	2 40	705 60	9.9
Burnishers	10	294	2 29	879 06	9.9
Casters	6	295	2 00	590 00	10
Driver	1	285	1 80	513 00	9
Engineer	1	295	2 75	811 25	10
Engravers	8	295	2 00	590 00	10
Helpers	101	295	1 03	303 85	9.9
Machine operators	10	300	1 00	300 00	10
Mould makers	4	295	3 00	885 00	10
Packers	2	295	1 75	516 25	10
Platers	11	293	1 93	565 49	9 8
Polishers	17	293	2 32	679 76	9.7
Solderers	36	295	2 40	708 00	10
Spinners	9	295	2 60	767 00	10
Stock clerk	1	295	4 00	1,180 00	10
Turners	19	295	2 60	767 00	10
Wrappers	3	295	1 25	368 75	10
PLUMBING, STEAM AND GAS-FITTING SUPPLIES—8 ESTABLISHMENTS.					
Blacksmith	1	300	2 75	825 00	10
Cabinetmakers	26	301	1 79	538 79	9.9
Coremakers	4	301	1 75	526 75	9.7
Cupola tender	1	300	2 00	600 00	10
Cupola tender's helper	1	300	1 50	450 00	10
Draughtsmen	5	306	3 50	1,071 00	8
Drivers	2	251	1 75	439 25	10
Enamelers	3	300	3 00	900 00	10
Engineers	3	300	2 80	840 00	9.8

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

PLUMBING, STEAM AND GAS-FITTING SUPPLIES.—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Finishers	30	301	$1 70	$511 70	9.9
Fireman	1	300	2 00	600 00	10
Fitters	17	300	1 50	450 00	9.8
Foremen	3	300	3 58	1,074 00	10
Grinders	4	300	1 50	450 00	10
Laborers	61	319	1 57	500 83	9.3
Laborers (boys)	5	300	85	255 00	10
Machine hands	40	300	1 63	489 00	9.8
Machine hands' helpers	7	300	1 00	300 00	10
Machinists	104	304	2 52	766 08	10
Machinists' helpers	17	300	1 48	444 00	10
Moulders	28	301	2 36	710 36	9 9
Moulders' helpers	8	300	1 50	450 00	10
Nickle platers	17	302	1 75	528 50	10
Packers	20	301	1 51	454 51	10
Patternmakers	5	306	3 15	963 90	10
Plater	1	300	1 50	450 00	10
Plumbers	8	365	4 00	1,460 00	8
Plumbers' helpers	8	365	1 00	365 00	8
Rim sifters	2	300	1 75	525 00	10
Rim sifters' helpers	4	300	1 50	450 00	10
Rubbers	4	300	1 40	420 00	10
Steam fitters	63	319	3 49	1,113 31	8
Steam fitters' helpers	74	317	2 11	668 87	8
Up-fitters	6	300	1 50	450 00	10
Varnishers	33	301	1 58	475 58	9.8
POTTERY AND STONEWARE—2 ESTABLISHMENTS.					
Clay worker	1	265	1 50	397 50	10
Decorators	10	296	4 00	1,184 00	7.5
Dipper	1	265	1 75	463 75	10
Engineers	2	296	2 45	725 20	9
Jiggermen	2	265	2 00	530 00	10
Kiln hands	2	265	2 00	530 00	10
Machine operators	2	265	1 75	463 75	10
Packer	1	265	1 67	442 55	10
Potters	17	296	2 30	680 80	9
Pressers	2	265	1 75	463 75	10
Warehouse hands	3	285	1 33	379 05	9.3
Watchman	1	296	2 00	592 00	12
PRINTING AND BINDING—83 ESTABLISHMENTS.					
Apprentices	25	305	1 08	329 40	8
Artists	8	306	3 98	1,217 88	8.1
Binders	95	297	2 02	599 94	9.2
Binders (boys)	4	306	1 05	321 30	9
Boxmakers	14	305	1 33	405 65	9.7
Canvassers	18	306	2 25	688 50	8
Carpenter	1	308	2 50	770 00	9.5
Cartoonists	53	304	1 65	501 60	9
Casemakers	2	308	2 50	770 00	9.7
Coaters	50	305	1 81	552 05	9.7
Collector	1	306	2 50	765 00	8
Compositors	466	301	2 53	761 53	9.2
Compositors' helpers	2	302	1 25	377 50	9
Construction workers	17	304	2 00	608 00	9
Cutters	85	305	1 88	555 10	9.2
Edgers	3	300	1 25	375 00	10
Electricians	2	308	2 25	693 00	9.5
Electrotypers	16	306	2 76	844 56	9.2
Elevator hands	3	308	1 72	529 76	9.6
Engineers	17	303	2 69	815 07	9.6
Engravers	100	304	3 03	921 12	8
Errand boys	24	309	52	160 68	9.1
Feeders	219	305	1 72	524 60	8.5

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

PRINTING AND BINDING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Feeders (boys)	6	303	$0 83	$251 49	9
Finishers	45	304	2 32	705 28	9.6
Firemen	2	307	2 37	727 59	9.7
Foremen	8	299	3 17	947 83	8.1
Folders	2	294	1 21	355 74	8.8
Forwarders	15	303	2 65	802 95	9.2
Foundry hands	33	304	2 50	760 00	9
Gatherers	6	305	2 49	759 54	9.7
Grinder	1	300	1 66	498 00	9
Ink hands	9	304	2 00	608 00	9
Janitors	4	308	1 83	563 64	9.6
Laborers	131	305	1 76	536 80	9.2
Laborers (boys)	7	300	84	252 00	9.5
Linotype operators	13	302	4 04	1,220 08	8
Machine hands	4	308	2 50	770 00	9.7
Machinists	53	305	2 75	838 75	9.7
Mailers	20	308	1 25	385 00	8
Marbler	1	308	4 17	1,284 36	9.7
Mounters	3	300	2 00	600 00	10
Numberer	1	280	51	142 80	8.5
Painter	1	308	2 50	770 00	9.5
Paster	1	305	75	228 75	10
Porters	7	262	1 45	379 90	9.4
Pressmen	500	304	2 07	629 28	9.2
Pressmens' assistants	6	304	1 83	556 32	9
Proofreader	1	306	3 00	918 00	8
Restaurant workers	4	305	1 78	542 90	9.7
Rulers	14	301	2 66	800 66	9
Shipping clerks	28	305	1 56	475 80	9.3
Sketchers	8	304	3 25	988 00	8
Solicitors	5	306	4 13	1,263 78	8
Stampers	2	308	3 84	1,182 72	9.7
Stock hands	4	307	1 50	460 50	9
Teamsters	2	304	2 13	647 52	9.5
Varnish hands	8	304	1 00	304 00	9
Watchman	1	308	2 50	770 00	9 5

PRINTERS, ROLLERS—3 ESTABLISHMENTS.

Roller makers	9	303	2 55	772 65	8.6

PUMPS AND WATER WHEELS—4 ESTABLISHMENTS.

Apprentices	36	305	75	228 75	9.2
Blacksmiths	4	305	2 85	869 25	9.2
Carpenters	10	305	2 50	762 50	9.2
Casting cleaners	22	305	1 75	533 75	10
Coremakers	24	305	2 50	762 50	10
Coremakers' helpers	10	305	1 60	488 00	9.2
Electricians	4	305	2 10	640 50	9.2
Engineers	2	305	2 65	808 25	9.2
Finisher	1	310	1 25	387 50	9
Fireman	1	305	1 90	579 50	9.2
Foremen	3	303	2 50	757 50	9.6
Laborers	277	304	1 63	495 52	9.3
Laborers (boys)	18	305	55	167 75	9.2
Machinists	4	307	3 12	957 84	9.7
Mechanics	170	305	2 65	808 25	9.2
Millwright	1	305	3 00	915 00	9.2
Moulders	71	305	2 98	908 90	10
Moulders' helpers	22	305	1 75	533 75	10
Painters	7	305	1 85	564 25	9.2
Patternmakers	12	305	3 33	1,015 65	9.2
Watchmen	3	305	1 75	533 75	12

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

REGALIA—8 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentice	1	306	$0 75	$229 50	8.5
Cabinetmaker	1	306	2 50	765 00	10
Capmaker	1	306	3 00	918 00	10
Cutters	3	302	4 00	1,208 00	9.6
Decorator	1	300	2 00	600 00	9
Designer	1	300	3 00	900 00	9
Embossers	4	305	2 75	838 75	8.5
Foreman	1	303	3 00	909 00	10
Laborers	4	305	1 29	393 45	9
Leather workers	2	306	2 50	765 00	10
Painters	2	303	3 80	1,151 40	9.5
Porter	1	220	1 00	220 00	10
Pressmen	2	303	2 50	757 50	10
Regalia makers	5	300	2 50	750 00	9
Shipping clerks	3	275	1 61	442 75	10
Tailors	10	306	3 50	1,071 00	10
Trunk maker	1	306	2 15	657 90	10

ROOFING (IRON, STEEL AND TIN)—7 ESTABLISHMENTS.

Apprentices	2	302	1 00	302 00	8
Cornice cutter	1	302	3 50	757 00	8
Cornice makers	8	302	2 75	830 50	8
Driver	1	300	2 50	750 00	10
Foremen	2	300	2 50	750 00	10
Helpers	10	289	1 42	410 38	8
Laborers	3	300	1 50	450 00	10
Machine hands	4	300	1 75	525 00	10
Mechanics	9	246	2 48	610 08	8
Roofers	33	290	2 56	742 40	8.3
Shipping clerk	1	300	2 00	600 00	10
Tinners	4	306	2 90	887 40	8

SAFES, VAULTS AND LOCKS—6 ESTABLISHMENTS.

Blacksmiths	25	300	2 01	603 00	9
Boxmakers	9	285	1 96	558 60	9
Cabinetmakers	10	298	1 95	581 10	9.5
Carpenters	12	297	2 43	721 71	9.4
Doormakers	10	285	2 50	712 50	9 5
Drillers	12	285	94	267 90	9 5
Engineers	2	295	2 62	772 90	9.2
Fillers	3	285	2 33	664 05	9.5
Fire proofers	3	286	1 75	500 50	10
Iron straighteners	2	285	3 00	855 00	9.5
Iron workers (boys)	49	286	1 25	357 50	10
Laborers	43	295	1 60	472 00	9.5
Lock setters	6	285	2 36	672 60	9.5
Locksmiths	18	297	1 36	403 92	9
Machinists	55	300	1 90	570 00	9
Mechanics	10	285	2 00	570 00	9.5
Moulders	2	306	3 00	918 00	9
Packers	2	286	1 50	429 00	10
Painters	81	299	2 31	690 69	9.1
Plasterers	8	285	2 50	712 50	9.5
Platers	6	299	2 33	696 67	6.1
Polishers	10	300	2 00	600 00	9
Safe makers	231	302	1 90	573 80	9
Sawyers	2	285	2 00	570 00	9.5
Vault maker	1	285	2 00	570 00	9.5
Vault makers' helper	1	285	1 00	285 00	9.5
Watchman	1	306	1 75	535 50	9

SASH, DOORS, LUMBER AND INTERIOR FINISH—20 ESTABLISHMENTS.

Apprentices	3	300	60	180 00	10
Bench hands	84	299	2 31	690 69	9.2
Cabinetmakers	15	308	2 12	652 96	10

TABLE IV*c*—MANUFACTURES—CINCINNATI—Continued.

SASH, DOORS, LUMBER AND INTERIOR FINISH—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Carpenters	171	301	$3 02	$909 02	8.1
Carpenter's helper	1	365	1 00	365 00	10
Carvers	3	308	2 66	819 28	10
Cutter	1	300	3 00	900 00	10
Cutter's helper	1	300	1 00	300 00	10
Engineers	11	293	2 31	676 83	9.4
Firemen	4	301	1 54	463 54	9.5
Foremen	4	300	3 12	936 00	9.1
Glazier	1	365	1 85	675 25	10
Glazier's helpers	2	365	75	273 75	10
Helper	1	300	1 75	525 00	9
Inspector	1	300	2 75	825 00	10
Laborers	89	299	1 50	448 50	9
Laborers (boys)	12	300	65	195 00	10
Machine hands	112	301	2 57	773 57	9.3
Machine hands' helpers	17	307	1 00	307 00	9.8
Machinists	12	300	2 00	600 00	9
Mill hands	95	284	1 80	511 20	9.9
Millwright	1	300	1 50	450 00	10
Packers	13	350	1 65	577 50	10
Painters	2	365	1 50	547 50	10
Polishers	35	308	1 50	462 00	10
Sashmakers	2	365	1 25	456 25	10
Saw filers	2	300	3 75	1,125 00	10
Sawyers	18	300	2 27	681 00	9.5
Sawyers' helper	1	300	1 83	549 00	10
Setter	1	300	1 50	450 00	10
Shipper	1	365	2 00	730 00	10
Sizer	1	300	1 65	495 00	10
Stair builders	19	295	2 94	867 30	8
Stockkeeper	1	300	1 83	549 00	10
Teamsters	27	301	1 59	478 59	9.6
Varnishers	11	308	1 75	539 00	10
Varnishers' helpers	16	308	1 00	308 00	10
Veneerer	1	300	2 00	600 00	10
Watchmen	3	324	1 50	468 00	10.6
Yard hands	108	280	1 54	431 20	9.9
SLAUGHTERING AND MEAT PACKING—16 ESTABLISHMENTS.					
Blacksmiths	5	306	1 66	507 96	10
Butchers	284	309	2 04	630 36	10
Butchers (boys)	11	306	1 00	306 00	10
Canners	21	289	1 47	424 83	10
Casing hands	25	306	2 10	612 00	10
Carpenters	8	306	2 00	612 00	10
Car repairers	12	306	2 00	612 00	10
Cattle drivers	7	304	1 38	419 52	10
Cellar hands	32	306	1 84	563 04	10
Cutters	11	302	1 84	555 68	10
Drivers	66	307	1 91	586 37	9.9
Electrician	1	306	1 75	535 50	10
Engineers	25	309	2 72	840 48	10.2
Firemen	10	307	1 97	604 79	10.3
Hide hands	4	306	1 90	581 40	10
Hostlers	9	307	1 86	571 02	10
Laborers	122	309	1 62	500 58	9.9
Laborer (boy)	1	300	67	201 00	10
Lard hands	12	303	2 15	651 45	10
Meat cutters	3	334	2 40	801 60	10
Oiler	1	306	2 00	612 00	10
Oleomargarine makers	3	306	2 50	765 00	10
Packers	12	308	1 80	554 40	10
Painter	1	306	1 66	507 96	10
Pipe fitters	2	306	2 10	642 60	10
Salters	8	309	2 28	704 52	9.8
Sausage makers	89	306	2 21	676 26	9.9

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

SLAUGHTERING AND MEAT PACKING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Shippers	16	300	$1 86	$558 00	10
Smokers	20	300	1 82	546 00	10
Solicitors	17	300	1 48	444 00	7
Splitters	2	345	2 50	862 50	10
Storeroom hands	8	307	1 85	567 95	10
Tinner	1	306	2 25	688 50	10
Trimmers	4	345	2 25	776 25	10
Watchmen	8	314	1 97	618 58	10.5
SOAP, CANDLES AND TALLOW—17 ESTABLISHMENTS.					
Blacksmiths	4	292	2 35	686 20	10
Bleach maker	1	308	2 00	616 00	9
Boilers	15	250	2 11	527 50	10
Carpenters	19	283	3 05	863 15	10
Coopers	6	175	2 00	350 00	10
Crutchers	2	305	1 67	509 35	10
Cutters	90	300	1 28	384 00	10
Distillers	23	175	1 80	315 00	10
Drivers	19	293	1 75	512 75	9·9
Engineers	27	291	2 42	704 22	9·9
Firemen	5	304	1 69	513 76	10
Foremen	6	281	3 01	845 81	9·8
Kettlemen	3	300	1 50	450 00	10
Laborers	718	301	1 40	421 40	9·9
Laborers (boys)	9	304	67	203 68	10
Locomotive crew	15	292	2 17	633 64	10
Machinists	10	293	2 82	826 26	10
Mill hands	7	293	1 50	439 50	10
Millwrights	4	292	3 34	975 28	10
Moulders	13	175	1 75	305 25	10
Nailers	2	305	1 50	457 50	10
Packers	15	243	1 42	345 06	9·8
Pipe fitters	42	292	2 10	613 20	10
Pressers	44	220	1 46	321 20	9·9
Printers	5	304	1 80	547 20	10
Renderer	1	310	2 00	620 00	10
Repairers	10	175	2 00	350 00	10
Shipping clerk	1	308	2 50	770 00	9
Soap makers	5	289	3 06	884 34	9·8
Steamer	1	305	1 50	457 50	10
Watchmen	10	280	1 90	532 00	10
Wrappers	7	305	89	271 45	9.8
SODA AND MINERAL WATERS—7 ESTABLISHMENTS.					
Bottlers	10	301	1 95	586 95	8.7
Bottle washers	14	306	1 17	358 02	8.7
Drivers	18	301	1 85	556 85	8.3
Helpers	4	306	1 12	342 72	8.7
Hostlers	2	300	1 65	495 00	10
Laborers	9	308	1 40	431 20	9
Shop hands	4	300	1 27	381 00	8
STENCILS, STAMPS AND SEALS—6 ESTABLISHMENTS.					
Diemakers	5	307	2 40	736 80	9.2
Engineer	1	305	3 00	915 00	10
Engravers	2	305	2 50	762 50	10
Fireman	1	305	2 00	610 00	10
Foreman	2	305	3 25	991 25	9
Helpers	18	304	1 20	364 80	9.8
Millwright	1	305	2 50	762 50	10
Polishers	5	305	2 00	610 00	10
Printers	2	308	2 00	616 00	10
Punchers	10	305	1 50	457 50	10
Stamp cutters	2	305	3 00	915 00	10
Stampmakers	3	318	1 77	562 86	9.1
Stencil cutters	2	304	2 37	720 48	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

STONE (CUT, SAWED AND ARTIFICIAL)—3 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bricklayers	18	245	$4 50	$1,102 50	8
Carpenter	1	245	2 00	490 00	9
Cutters	20	238	3 90	928 20	8
Drivers	4	236	1 68	396 48	9.5
Engineer	1	245	2 75	673 75	10
Foreman	1	293	3 00	879 00	9
Helpers	16	245	1 75	428 75	9
Hodcarriers	12	245	2 80	686 00	8
Laborers	12	272	1 68	456 96	8.7
Mill hands	3	245	2 00	490 00	10
Mixers	3	293	2 25	659 25	9
Planers	4	245	4 00	980 00	8

STOVES, RANGES AND FURNACES—13 ESTABLISHMENTS.

Apprentices	13	306	75	229 50	9
Blacksmiths	4	306	2 62	801 72	9
Buffers	2	300	2 50	750 00	10
Carpenters	2	300	2 00	600 00	9
Casting cleaners	13	230	1 50	345 00	10
Coppersmiths	5	306	3 47	1,061 82	9
Coremakers	2	300	2 75	825 00	10
Draughtsmen	6	309	1 50	463 50	9
Drillers	2	306	2 75	841 50	9
Drivers	9	302	1 79	540 58	9.8
Engineers	4	298	2 75	819 50	9.7
Finishers	4	306	2 25	688 50	9
Fireman	1	306	2 00	612 00	9
Foremen	3	280	3 38	946 40	9.3
Furnace makers	18	306	2 25	688 50	9
Furnace setters	31	309	2 50	772 50	9
Laborers	78	299	1 48	442 52	9.8
Laborers (boys)	55	355	87	308 85	9.9
Machinists	3	306	3 00	918 00	9.5
Mechanics	4	300	2 00	600 00	10
Moulders	98	284	2 95	837 80	10
Moulders' helpers	10	288	2 00	576 00	10
Mounters	87	298	2 15	640 70	9.3
Packers	3	306	1 50	459 00	9.5
Pattern filer	1	306	2 25	688 50	9
Pipe fitters	2	306	3 75	1,147 50	9
Plater	1	300	3 50	1,050 00	10
Polishers	10	302	2 84	857 68	9.6
Porters	10	308	1 92	591 36	9.5
Press hands	10	360	1 50	540 00	10
Range makers	44	319	2 22	708 18	9.4
Range makers' helpers	10	360	1 00	360 00	10
Sheet-iron workers	80	310	2 50	775 00	9
Shipper	1	306	2 75	841 50	9
Spinner	1	306	3 33	1,018 98	9
Tinners	164	309	1 96	605 64	9
Turners	10	306	2 50	765 00	9
Urnmakers	3	306	3 33	1,018 98	9
Watchman	2	303	1 85	560 55	11

TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—23 ESTABLISHMENTS.

Apprentices	8	302	88	265 76	9 5
Blacksmith	1	305	2 50	762 50	9
Boxmakers	6	305	1 50	457 50	10
Buffers	2	303	1 25	378 75	10.2
Carpenter	1	286	2 25	643 50	9
Cleaners	2	300	1 67	501 00	10
Coaters	2	300	1 50	450 00	10
Cutter	1	300	75	225 00	10
Drivers	3	301	2 16	650 16	9.6
Elevator hands	2	306	1 00	306 00	10.5

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Engineers	3	303	$2 66	$805 98	10.1
Fireman	1	300	1 50	450 00	10
Foremen	13	305	2 40	732 00	10
Forkers	2	300	2 00	600 00	10
Galvanizers	30	303	1 86	563 58	10
Japanners	11	303	1 42	430 26	10.5
Laborers	78	288	1 51	434 88	9.2
Laborers (boys)	20	304	56	170 24	10.5
Lithographers	3	305	56	170 80	10.5
Machine hands	44	320	1 63	521 60	10
Machine hands (boys)	12	300	1 30	393 00	9
Machinists	10	311	2 72	845 92	10.2
Metal workers	2	306	1 20	367 20	10
Nailers	2	306	1 35	413 10	10.5
Oilers	3	306	1 50	459 00	10.5
Packer	1	300	1 50	450 00	9
Painter	1	300	1 75	525 00	9
Platers	2	306	2 00	612 00	10
Polisher	1	306	2 00	612 00	10
Porters	6	305	1 35	411 75	10 2
Press hands	73	305	1 23	375 15	10.3
Retinners (boys)	6	306	75	229 50	10.5
Riveters	5	306	1 33	406 98	10.5
Sawyers	2	306	2 00	612 00	10.5
Shearers	18	305	1 25	381 25	10
Sheet-iron workers	18	295	2 08	613 60	9.1
Shippers	2	325	2 25	731 25	10
Stencilers	12	305	1 17	356 85	10
Stockkeepers	2	306	1 67	511 02	10
Tinners	129	302	2 28	688 56	8.7
Tinners' helpers	17	306	1 51	462 06	8.5
Watchmen	3	312	1 83	570 96	11
Wrappers	3	306	1 00	306 00	10.5
TOBACCO (CHEWING AND SMOKING)—5 ESTABLISHMENTS.					
Boxmaker	1	306	1 66	507 96	9
Bundlers	4	306	1 00	306 00	8.5
Case opener	1	306	1 50	459 00	9
Cutters	3	304	2 11	641 44	9
Driver	1	306	2 00	612 00	9
Engineers	3	302	2 33	703 66	9
Feeders	3	306	1 40	428 40	9
Kettleman	1	306	1 60	489 60	9
Labelers	3	306	1 65	504 90	8
Laborers	20	297	1 46	433 62	8.9
Packers	4	306	1 25	382 50	9
Pickers	10	306	75	229 50	9
Sawyer	1	306	1 66	507 96	9
Stampers	11	306	1 20	367 20	8.6
Truckers	2	306	1 50	459 00	9
Wringer hands	3	306	1 67	511 02	9
TOOLS—34 ESTABLISHMENTS.					
Apprentices	93	288	91	262 08	9.7
Assemblers	18	284	2 80	795 20	10
Bench hands	3	300	1 50	450 00	10
Blacksmiths	6	297	2 71	805 87	9.4
Carpenters	5	293	2 00	586 00	9.6
Cutters	3	300	2 25	675 00	10
Diemakers	4	300	2 25	675 00	10
Draughtsmen	3	280	4 16	1,164 80	8
Dresser	1	284	1 70	482 80	10
Drillpress hands	55	271	1 69	457 99	9.2
Electricians	3	303	2 16	654 48	9.4
Emerywheel hands	2	297	2 12	629 64	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

TOOLS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Engineers	12	287	$2 45	$703 15	9.4
File cutters	8	300	1 56	468 00	8.2
Firemen	2	272	1 63	443 36	9.7
Foremen	15	285	3 28	934 80	9.4
Forgers	4	310	2 20	682 00	10
Gear cutters	8	270	1 25	337 50	9
Grinders	16	282	2 50	705 00	9
Helpers	125	296	1 82	538 72	9.5
Inspectors	8	284	1 75	497 00	10
Knifemakers	4	300	2 25	675 00	10
Laborers	179	285	1 52	433 20	9.5
Laborers (boys)	4	302	82	247 64	9.5
Lathe hands	260	272	2 48	674 56	9.2
Machine hands	112	303	1 91	578 73	9.9
Machine hands (boys)	12	309	1 29	398 61	10
Machinists	612	289	2 17	627 13	9.1
Machinists' helpers	26	283	1 64	464 12	9.4
Mill hands (boys)	34	271	83	224 93	9
Millwrights	8	289	1 87	540 43	9.9
Packers	6	283	1 70	481 10	9.8
Painters	17	273	1 86	481 10	9.1
Patternmakers	26	286	2 61	746 46	9.3
Planer hands	60	272	1 97	535 84	9.3
Polishers	14	295	1 95	575 25	9.8
Press hands	4	300	1 25	375 00	10
Sawmakers	11	295	2 94	867 30	9 8
Stockkeepers	15	284	1 36	386 24	10
Toolmaker	1	305	3 00	915 00	10
Vise hands	183	241	2 19	527 79	9.3
Watchmen	2	308	1 62	498 96	11
TRUNKS AND VALISES—7 ESTABLISHMENTS.					
Apprentices	3	300	65	195 00	10
Box nailers	4	230	1 95	448 50	10
Casemakers	2	300	2 00	600 00	10
Finishers	47	230	1 90	437 00	10
Helpers	3	230	1 45	333 50	10
Leather workers	4	300	2 00	600 00	10
Machine hands	4	230	2 20	506 00	10
Trunkmakers	74	291	1 86	541 26	9.9
WIRE RODS, WIRE CLOTH AND WIRE GOODS—4 ESTABLISHMENTS.					
Apprentices	3	300	1 00	300 00	9.5
Blacksmiths	3	306	2 25	688 50	9.8
Draughtsman	1	300	2 00	600 00	8
Erectors	2	365	2 00	730 00	9.5
Fencemakers	4	310	2 00	620 00	10
Foreman	1	365	3 33	1,215 45	10
Foreman s assistant	1	365	1 85	675 25	10
Laborers	12	305	1 46	445 30	9.7
Machinists	1	300	2 25	675 00	9.5
Wireworkers	22	302	1 64	495 28	9.8
MISCELLANEOUS—43 ESTABLISHMENTS.					
Apprentices	2	270	75	202 50	9
Assorters	4	296	2 20	651 20	10
Bakers	9	312	1 50	468 00	10
Baseball makers	12	297	1 75	519 75	9.5
Basket makers	4	300	1 25	375 00	10
Batting preparers	6	306	1 18	361 08	10
Bench hands	10	290	1 67	494 30	10
Bookbinders	5	300	1 78	534 00	9
Brickmasons	10	365	3 90	1,423 50	10
Buffers	34	311	2 75	855 25	10

TABLE IV*c*—MANUFACTURES—CINCINNATI—Continued.

MISCELLANEOUS—Continued.

Occupation--Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cabinetmakers	57	314	2 27	712 78	10
Carpenters	58	317	2 84	900 28	8.4
Carpet layers	3	250	2 50	625 00	10
Carvers	4	350	2 50	875 00	10
Cellar men	37	365	2 35	857 75	12
Chargers	16	365	2 50	912 50	12
Cleaners	6	296	1 93	571 28	10.6
Clerks	2	310	2 25	697 50	10
Cloth examiners	2	312	2 00	624 00	9
Cloth spongers	2	312	1 75	546 00	9
Coal tenders	3	365	2 16	788 40	12
Compositor	1	309	2 25	695 25	10
Coopers	4	305	2 00	610 00	10
Coverers	6	300	80	240 00	9
Cushion filler	1	300	1 00	300 00	10
Cutters	8	290	1 61	466 90	9.3
Drawers	16	365	2 75	1,003 75	12
Drivers	41	338	1 66	561 08	9.5
Dyer	1	300	1 50	450 00	10
Electricians	3	365	2 40	876 00	12
Engineers (architectural)	5	314	6 37	2,000 18	8
Engineers	28	314	2 67	838 38	10.2
Erectors	89	311	2 50	777 50	10
Finishers	66	314	2 69	944 66	9.8
Firemen	18	339	1 58	535 62	10.5
Foremen	76	340	2 89	982 60	9.8
Framemakers	4	270	1 25	337 50	9
Foundrymen	3	311	2 75	855 25	10
Furriers	3	300	1 00	300 00	9
Gluers	2	307	1 62	497 34	10
Grader	1	300	2 50	750 00	10
Helpers	5	300	1 10	330 00	9 6
Hostlers	7	365	1 62	591 30	12
Inspectors	21	365	2 50	912 50	10
Ironers	4	300	3 00	900 00	10
Jointers	6	345	2 16	745 20	10
Lacquerer	1	260	1 75	455 00	10
Lamp washer	7	365	1 50	547 50	10
Laborers	949	329	1 45	477 05	9.5
Laborers (boys)	19	301	63	189 63	9.5
Linemen	29	365	2 50	912 50	10
Machine hands	33	313	2 16	676 08	11
Machinists	61	285	2 35	669 75	9.8
Mattress makers	4	306	2 93	896 58	9.2
Mechanics	95	343	2 00	686 00	10
Mechanics' helpers	19	355	1 29	457 95	10
Metal workers	3	350	1 25	437 50	10
Millwrights	74	310	2 73	846 30	10
Mixers	2	308	2 70	831 00	10
Model makers	2	300	6 00	1,800 00	10
Mould maker	1	306	4 00	1,224 00	9
Mounter	1	270	2 00	540 00	9
Oilers	11	365	2 00	730 00	12
Oil tenders	4	365	1 92	700 80	12
Packers	7	343	1 25	428 75	9.1
Painters	45	310	2 43	753 30	10
Pavers	9	365	2 25	821 25	10
Pencil makers	4	293	1 70	498 10	10
Pen makers	10	293	1 70	498 10	10
Pipe fitters	2	290	2 32	672 80	10
Pressmen	10	289	3 21	912 69	10
Printers	3	309	1 83	565 47	10
Porters	3	288	1 60	460 80	9.3
Pottery hands	3	290	1 91	553 90	10
Pumpers	2	365	2 00	730 00	12
Punch cutter	1	306	4 00	1,224 00	9
Rammers	6	365	2 00	730 00	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Reedworkers	4	309	$1 90	$587 10	10
Repairer	1	300	1 50	450 00	10
Rubber workers	10	293	1 70	498 10	10
Rugmakers	3	250	1 25	312 50	10
Rulers	4	304	2 24	680 96	9
Sawyers	2	300	2 50	750 00	10
Scourers	4	300	2 50	750 00	10
Shippers	3	319	1 77	564 63	10
Spinners	41	256	1 12	286 72	9.9
Spring makers	32	350	80	280 00	10
Stillmen	2	300	2 50	750 00	12
Stokers	50	365	2 50	912 50	12
Stone dressers	3	300	2 50	750 00	10
Switchboard tenders	7	365	2 40	876 00	12
Tanners	3	297	2 00	594 00	9
Timekeepers	2	314	2 00	628 00	10
Tinners	15	365	2 10	766 50	10
Trimmers	18	365	1 65	602 25	10
Troublemen	5	365	3 00	1,095 00	12
Turners	4	300	3 25	975 00	10
Type casters	20	306	3 00	918 00	9
Type makers	29	306	2 00	612 00	9
Up-fitters	5	350	2 00	700 00	10
Varnisher	1	350	1 00	350 00	10
Watchmen	16	334	1 90	634 60	10.2
Water tenders	3	365	2 28	832 20	12
Weaver	1	308	2 00	616 00	9
Woodworker	1	300	2 00	600 00	10

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ADVERTISING NOVELTIES AND SIGNS—3 ESTABLISHMENTS.					
Feeder	1	317	$1 50	$475 50	10
Novelty makers	85	305	71	216 55	10
Printers	10	301	70	210 70	10
Signmakers	15	300	1 60	480 00	10
AWNINGS, TENTS AND FLAGS—7 ESTABLISHMENTS.					
Awning makers	18	300	1 00	300 00	9
Basters	3	300	67	201 00	10
Cutter	1	300	1 25	375 00	9
Feeders	4	310	1 00	310 00	10
Finishers	10	306	50	153 00	10
Flagworkers	70	310	1 00	310 00	10
Folders	4	310	1 00	310 00	10
Forewomen	2	300	1 08	324 00	10
Seamstresses	19	280	95	266 00	10
Stockkeepers	8	310	1 25	387 50	10
BAGS (PAPER AND BURLAP)—6 ESTABLISHMENTS.					
Finishers	5	254	1 00	254 00	10
Folders	3	295	1 50	442 50	10
Machine tenders	47	302	1 02	308 04	9.8
Pasters	12	300	1 30	390 00	9
Piece workers	5	254	1 00	254 00	10
Pressfeeders	22	298	97	298 06	9.5
Sewers	13	309	81	250 27	9
BILLIARD TABLES, BAR AND STORE FIXTURES—1 ESTABLISHMENT.					
Casing cleaner	1	310	1 00	310 00	9
BOOTS AND SHOES—25 ESTABLISHMENTS.					
Apprentices	2	300	50	150 00	9.5
Cleaners	90	278	82	225 96	10
Cutters	7	285	97	275 05	9.6
Finishers	8	220	1 00	220 00	10
Fitters	2,364	272	93	252 96	9.8
Fixers	2	300	1 50	450 00	10
Forewomen	2	312	2 50	780 00	10
Helpers	12	300	60	180 00	10
Lacers	70	275	75	206 25	10
Packers	275	270	87	234 90	9.9
Stitchers	14	215	1 03	221 45	9.9
Treers	13	296	1 15	340 40	8.5
BOXES (PAPER)—9 ESTABLISHMENTS.					
Boxmakers	126	302	83	250 66	9.8
Coverers	6	302	80	241 60	10
Helpers	55	303	47	142 41	9.9
Laborers	16	302	61	184 22	10
Machine hands	88	307	74	227 18	9.4
Packers	18	276	62	171 12	9
Pasters	59	307	69	211 83	9.7
Staying machine hands	2	302	50	151 00	10
Tableworkers	42	305	65	198 25	10
Toppers	2	302	50	151 00	10
BOXES (WOODEN)—4 ESTABLISHMENTS.					
Hinger	1	295	1 00	295 00	9
Pasters	74	296	85	251 60	9.7

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
BREAD AND OTHER BAKERY PRODUCTS—12 ESTABLISHMENTS.					
Bakers	3	300	$1 25	$375 00	9
Candymakers	16	300	82	246 00	8.1
Clerks	23	307	81	248 67	9.4
Dishwashers	2	300	1 00	300 00	9
Helpers	186	304	63	191 52	10
Icers and ornamenters	5	244	63	153 72	10
Packers	72	296	89	263 44	9.9
Preserve makers' helpers	4	300	80	240 00	10
BROOMS AND BRUSHES—3 ESTABLISHMENTS.					
Brushmakers	6	296	75	222 00	9.3
CARRIAGES AND WAGONS—18 ESTABLISHMENTS.					
Janitress	1	300	75	225 00	10
Machine hands	4	290	1 18	342 20	9
Pasters	3	290	80	232 00	9
Trimmers	105	271	2 15	582 65	9.7
CARRIAGE AND WAGON MATERIAL—2 ESTABLISHMENTS.					
Japanners	2	300	1 00	300 00	9
Lamp cleaners	6	300	75	225 00	9
Stitchers	2	300	75	225 00	9
CIGARS—30 ESTABLISHMENTS.					
Banders	18	297	68	201 96	9.4
Bunchbreakers	415	295	1 21	356 95	8.9
Cigarmakers	47	296	1 36	402 56	8.5
Forewomen	2	299	1 67	499 33	9.5
Laborers	25	291	1 07	311 37	8.3
Packers	55	272	1 27	345 44	8.9
Rollers	1,050	284	1 20	340 80	8.8
Strippers	507	408	68	277 44	8.4
CLOTHING—106 ESTABLISHMENTS.					
Basters	3	300	66	198 00	8
Brushers	2	300	50	150 00	9
Bushelers	3	290	2 08	603 20	8.6
Buttonhole makers	33	283	92	260 36	8.9
Cloak makers	59	280	1 42	397 60	8.5
Coat makers	68	301	1 02	307 02	9
Cutters	2	300	1 25	375 00	10
Cutter's helper	1	300	1 00	300 00	10
Embroidery hands	15	280	89	249 20	8.5
Examiners	8	302	95	286 90	8.8
Finishers	89	306	1 00	306 00	9.1
Finishers' helpers	25	312	1 00	312 00	9
Folders	4	305	1 00	305 00	9.5
Forewomen	4	302	1 66	501 32	9
Helpers	105	297	60	178 20	9
Machine operators	1,108	302	1 36	410 72	9
Markers	3	304	83	252 32	9
Pieceworkers	27	307	1 25	383 75	10
Pressers	2	290	1 35	391 50	8.7
Receivers	5	300	1 75	525 00	9.5
Seamstresses	584	326	2 67	870 42	9.6
Skirtmakers	3	300	1 25	375 00	9
Tailoresses	504	300	1 05	315 00	9
Ticket hands	14	305	96	292 80	9.4
Trimmers	59	253	85	215 05	9.7
Trouser makers	419	315	1 13	355 95	8.5
Vestmakers	396	301	1 35	406 35	8.5

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
COFFEE, BAKING POWDER AND SPICES—6 ESTABLISHMENTS.					
Extract makers	2	310	$0 75	$232 50	8
Forewomen	2	307	1 25	383 75	9
Helpers	5	307	60	184 20	8
Labelers	9	304	83	252 32	9
Packers	37	305	67	204 35	9
Powder makers	14	307	82	251 54	8
Roaster	1	307	85	260 95	8
COFFINS AND BURIAL CASES—2 ESTABLISHMENTS.					
Clothworkers	17	306	1 22	373 32	8.8
Janitress	2	307	1 04	319 28	9.4
Metal workers	27	306	80	244 80	8.7
Packers	6	309	1 25	386 25	8.5
Sewers	39	306	99	302 94	8.8
CONFECTIONERY—13 ESTABLISHMENTS.					
Candymakers	17	307	97	302 94	9.3
Clerks	9	318	1 11	352 98	9.4
Dippers	53	302	91	274 82	9.6
Helpers	55	314	94	295 16	9.9
Janitress	1	333	50	166 50	10
Packers	154	296	75	222 00	9.9
Wrappers	16	302	72	217 44	9.5
COPPER AND BRASS GOODS—4 ESTABLISHMENTS.					
Burnishers	15	306	1 20	367 20	9.1
Core hands	14	296	75	222 00	9.1
Lacquerers	12	310	83	257 30	10
Wrappers	10	310	67	207 70	10
COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—7 ESTABLISHMENTS.					
Braiders	17	305	67	204 30	10
Carders	30	292	71	207 32	10
Finishers	6	306	91	278 46	9.1
Knitters	54	305	1 06	323 30	9.3
Machine hands	60	304	93	282 72	10
Packers	177	306	83	253 98	9.9
Spinners	20	306	67	205 02	10
Spoolers	25	305	77	234 85	10
Trimmers	12	305	67	204 35	10
Winders	15	306	83	253 98	10
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—9 ESTABLISHMENTS.					
Finishers	50	300	75	225 00	10
Folders	50	300	1 60	480 00	10
Labelers	15	305	66	201 30	9.4
Laborer	1	300	1 60	480 00	8
Machine hands	10	300	66	198 00	10
Packers	18	285	58	165 30	9.5
Pill makers	15	300	75	225 00	10
Sewers	10	275	66	181 50	10
Stockkeeper	1	275	1 00	275 00	10
ELECTRICAL GOODS AND SUPPLIES—3 ESTABLISHMENTS.					
Coremakers	2	300	1 50	450 00	8
Winders	30	309	73	225 57	9.1
EXTRACTS, TOILET ARTICLES AND PERFUMERY—3 ESTABLISHMENTS.					
Bottlers	11	307	1 00	307 00	9
Forewoman	1	308	1 25	385 00	9
Labelers	4	296	85	251 60	8.5

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
FLOURING MILL PRODUCTS—2 ESTABLISHMENTS.					
Laborers	2	187	$1 00	$187 00	10
Packers	2	232	1 00	232 00	10
FOUNDRY AND MACHINE SHOP PRODUCTS—1 ESTABLISHMENT.					
Binder	1	290	83	240 70	10
FURNITURE—14 ESTABLISHMENTS.					
Caners	12	297	1 00	297 00	9.3
Cushion makers	2	300	1 00	300 00	9
Helper	1	310	1 08	334 80	10
Letter file makers	190	292	90	262 80	10
Machine hands	8	299	1 00	299 00	10
Seamstresses	44	305	1 15	350 75	9.5
Umbrella makers	9	300	1 00	300 00	10
Upholsterers	10	307	1 00	307 00	9.5
GLASS AND GLASSWARE—1 ESTABLISHMENT.					
Packers	100	305	67	204 35	10
HARDWARE—1 ESTABLISHMENT.					
Wrapper	1	300	50	150 00	9
HARNESS AND SADDLERY—2 ESTABLISHMENTS.					
Coverer	1	300	50	150 00	10
Saddler	1	298	1 10	327 80	10
HATS, CAPS AND FURNISHINGS—15 ESTABLISHMENTS.					
Apprentices	4	300	50	150 00	8.7
Capmakers	97	340	1 40	476 00	8.9
Finishers	3	290	85	246 50	9
Forewoman	1	300	2 00	600 00	10
Framemakers	5	300	1 25	375 00	10
Hatmakers	297	301	92	276 92	9.2
Machine hands	42	227	81	183 87	9
Packers	3	289	80	231 20	8.6
Seamstresses	127	304	86	261 44	8
Trimmers	37	220	61	134 20	8.8
JEWELRY AND WATCHES—10 ESTABLISHMENTS.					
Enamelers	3	312	1 00	312 00	9
Jewelers	3	305	1 83	558 15	10
Polishers	14	308	92	283 36	9.6
Repairer	1	298	80	238 40	10
Solderer	1	312	1 00	312 00	9
LEATHER AND LEATHER GOODS—2 ESTABLISHMENTS.					
Finisher	1	295	1 15	339 25	10
Laborers	4	295	87	256 66	10
LIQUORS (DISTILLED)—8 ESTABLISHMENTS.					
Bottlers	67	306	85	256 65	9.9
Cherry pickers	22	300	1 00	300 00	9
Decorators	2	307	58	178 06	10
Labelers	139	305	81	247 05	9.7
LIQUORS (MALT)—1 ESTABLISHMENT.					
Cleaner	1	309	50	154 50	2

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—7 ESTABLISHMENTS.					
Binders	8	304	$1 00	$304 00	8.1
Cutter	1	300	1 00	300 00	9
Gilders	5	306	1 00	306 00	9
Laborers	27	303	1 27	384 81	9.5
Transferer	1	306	1 85	566 10	9.3
Wrappers	2	300	75	225 00	9
MATTRESSES AND PILLOWS—4 ESTABLISHMENTS.					
Forewomen	2	309	2 00	618 00	9.5
Laborers	70	309	75	231 75	10
Seamstresses	8	288	1 04	299 52	9.6
MOULDINGS AND FRAMES—2 ESTABLISHMENTS.					
Veneerers	6	282	90	253 80	10
Wrappers	5	295	60	177 00	10
OILCLOTH AND WINDOW SHADE CLOTH—1 ESTABLISHMENT.					
Machine operators	8	275	1 00	275 00	10
Tackers	20	275	1 00	275 00	10
Stencilers	4	275	1 00	275 00	10
Wrappers	8	275	1 00	275 00	10
PAINTS AND VARNISHES—2 ESTABLISHMENTS.					
Labelers	4	289	96	277 44	9.2
PATTERNS AND MODELS—1 ESTABLISHMENT.					
Clerks	12	300	1 00	300 00	9
PIANOS AND OTHER MUSICAL INSTRUMENTS—1 ESTABLISHMENT.					
Keyboard workers	6	303	1 25	378 75	10
PICKLES, PRESERVES AND SAUCES—5 ESTABLISHMENTS.					
Bottlers	66	306	84	257 04	10
Catsup makers	56	305	84	256 20	10
Forewoman	1	192	2 50	480 00	10
Helpers	18	210	70	147 00	10
Labelers	15	268	91	243 88	9.6
Laborers	23	240	75	180 00	10
Packers	4	300	75	225 00	10
Peelers	20	313	83	259 79	10
PLATING—1 ESTABLISHMENT.					
Helpers	2	295	1 00	295 00	8
PLUMBING, STEAM AND GAS-FITTING SUPPLIES—1 ESTABLISHMENT.					
Coremakers	2	300	1 00	300 00	10
POTTERY AND STONEWARE—1 ESTABLISHMENT.					
Decorators	18	296	2 25	666 00	7.5
PRINTING AND BINDING—45 ESTABLISHMENTS.					
Apprentices	8	305	95	289 75	9
Binders	250	303	1 16	351 48	9
Boxmakers	87	305	82	250 10	9.7
Coaters	88	305	84	256 20	9.7
Compositors	84	305	86	262 30	9.6

TABLE IVc—MANUFACTURES—CINCINNATI—Continued.

PRINTING AND BINDING—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Counters	4	280	1 06	296 80	8.5
Cutters	174	304	76	231 04	9
Embossers	69	304	80	243 20	9
Engravers	3	307	2 50	767 50	9
Finishers	36	305	80	244 00	9.7
Folders	52	309	1 00	309 00	9.4
Gatherers	362	305	72	219 60	9.7
Gold leaf layers	2	308	1 16	357 28	9.7
Janitresses	2	308	87	267 96	9.5
Laborers	59	305	79	240 95	9
Machine hands	12	303	90	272 70	9.2
Pasters	17	308	65	267 96	10
Platers	2	308	1 10	338 80	9.7
Pressfeeders	11	305	98	298 90	9.4
Restaurant workers	12	305	99	301 95	9.7
Sewers	22	301	1 14	343 14	9.1
Shippers	7	305	77	234 85	9.7
Varnishers	2	304	60	182 40	9
PUMPS AND WATER WHEELS—1 ESTABLISHMENT.					
Coremakers	12	305	90	274 50	10
REGALIA—8 ESTABLISHMENTS.					
Banner makers	3	303	1 20	363 60	10
Costume makers	12	303	1 20	363 60	10
Crown makers	3	303	1 10	333 30	10
Embroidery hands	37	304	1 45	440 80	9
Errand girls	4	303	75	227 25	10
Flag and badge makers	10	306	1 00	306 00	10
Forewomen	2	263	1 50	394 50	9
Gold leaf layers	3	306	1 00	306 00	8.5
Lantern-slide maker	1	306	1 50	459 00	9
Machine hands	39	304	1 03	313 12	9.3
Pressers	3	303	1 00	303 00	10
Regalia makers	51	302	1 73	522 46	9.5
Seamstresses	11	281	1 11	311 91	9
Tailoresses	16	303	1 20	363 60	10
SLAUGHTERING AND MEAT PACKING—3 ESTABLISHMENTS.					
Canners	23	303	96	290 88	10
SOAP, CANDLES AND TALLOW—11 ESTABLISHMENTS.					
Boxmakers	70	299	62	185 38	10
Bundler	1	230	35	80 50	10
Laborers	62	304	70	212 80	10
Moulders	19	175	95	166 25	10
Packers	243	282	89	250 98	9.9
Polishers	2	230	50	115 00	10
Presser	1	230	75	172 50	10
Wrappers	182	302	74	223 48	10
STENCILS, STAMPS AND SEALS—1 ESTABLISHMENT.					
Laborer	1	308	75	231 00	10
STOVES, RANGES AND FURNACES—1 ESTABLISHMENT.					
Machine hands	2	306	1 25	382 50	9
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—3 ESTABLISHMENTS.					
Forewoman	1	306	1 50	459 00	10.5
Japanners	3	306	1 00	306 00	10
Machine hands	83	305	67	204 35	10
Packers	12	305	67	204 35	10
Painters	30	305	75	228 75	10
Solderers	19	304	95	288 80	10
Stamping press hands	17	304	82	249 28	10
Wrappers	5	303	80	242 40	10

TABLE IV*c*—MANUFACTURES—CINCINNATI—Concluded.

TOBACCO (CHEWING AND SMOKING)—5 ESTABLISHMENTS.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Forewoman	1	302	$1 33	$401 66	9
Labelers	4	306	1 25	382 50	9
Packers	117	302	1 28	386 56	8.5
Tobacco worker	1	250	1 00	250 00	8
TRUNKS AND VALISES—2 ESTABLISMHENTS.					
Finishers	16	267	80	213 60	10
MISCELLANEOUS—20 ESTABLISHMENTS.					
Bakers	16	312	60	187 20	10
Baseball sewers	14	297	1 00	297 00	9.5
Baseball stampers	4	297	55	163 35	9.5
Baseball stuffers	5	297	75	222 75	9.5
Bottlers	7	300	1 00	300 00	10
Carpet sewers	4	250	1 16	290 00	10
Comfort makers	11	306	97	296 82	10
Finishers	4	300	88	264 00	9.7
Folders	6	300	80	240 00	9
Labelers	13	300	1 00	300 00	12
Laborers	68	303	73	221 19	9.1
Machine hands	20	282	1 13	318 66	9.2
Mattress makers	4	306	85	260 10	10
Packer	1	30	90	27 00	10
Polishers	7	293	70	205 10	10
Presser	1	300	1 50	450 00	10
Seamstresses	31	270	96	259 20	8
Sorters	6	260	60	156 00	10
Spinners	30	255	80	204 00	10
Type makers	3	306	1 50	489 00	9
Weavers	19	347	81	281 07	7.1

TABLE IV*cc*—MANUFACTURES—CINCINNATI.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Advertising novelties and signs	Cutters	5	10	.....
" " "	Errand boys	2	10	.....
" " "	Pressfeeders	4	15	.....
Awnings, tents and flags	Carpenter	1	5	.....
" "	Compositors	12	5	.....
" "	Cutters	3	5	.....
" "	Feeders	6	5	.....
" "	Fireman	1	5	.....
" "	Flagmakers	2	5	.....
" "	Engineer	1	5	.....
" "	Millwright	1	5	.....
" "	Packers	3	5	.....
" "	Porters	3	5	.....
" "	Pressmen	6	5	.....
Bags (paper and burlap)	Compositors	4	15	.....
" "	Cutters	2	2	.....
" "	Finishers	2	2.5	.....
" "	Foremen	4	3	.....
" "	Laborers (boys)	10	5	.....
" "	Machine operators	2	1	.....
" "	Shippers	3	2	.....
Bicycles, bicycle sundries and autos	Machinists	4	.....	10
Billiard tables, bar and store fixtures	Buffer	1	5	.....
" " "	Cabinetmakers	13	5.4	.....
" " "	Cabinetmakers	8	.....	2
" " "	Finishers	2	5	.....
" " "	Foremen	2	10	.....
" " "	Glaziers	2	2.5	.....
" " "	Machine hands	3	5	.....
" " "	Machinists	1	5	.....
" " "	Spinner	1	5	.....
" " "	Varnishers	2	2.5	.....
Boilers, engines and tanks	Apprentices	6	4	.....
" "	Blacksmiths	3	4	.....
" "	Blacksmiths' helpers	3	4	.....
" "	Boilermakers	26	5	.....
" "	Boilermakers' helpers	15	5	.....
" "	Carpenter	1	4	.....
" "	Coppersmith	1	4	.....
" "	Engineer	1	4	.....
" "	Errand boy	1	4	.....
" "	Hostler	1	4	.....
" "	Laborers	7	4	.....
" "	Machinists	37	4	.....
" "	Moulders	2	4	.....
" "	Moulders' helpers	2	4	.....
" "	Patternmaker	1	4	.....
" "	Pipe fitters	3	4	.....
" "	Pipe fitters' helpers	4	4	.....
" "	Plater	4	4	.....
" "	Polishers	3	4	.....
" "	Stockkeepers	2	4	.....
" "	Timekeepers	2	4	.....
Boots and shoes	Bottomers	77	3	.....
" "	Cutters	20	5	.....
" "	Finishers	30	5	.....
" "	Packers	5	5	.....
Boxes (wooden)	Foremen	1	4	.....
" "	Laborers	12	.....	20
" "	Laborers (boys)	7	20	.....
" "	Nailers	6	3	.....
Bread and other bakery products	Mixer	1	15	.....
Brick and tile	Bank men	2	2	.....
" "	Brickmakers	44	5	.....
Brooms and brushes	Broommakers	8	5	.....
Carriages and wagons	Blacksmiths	2	10	.....
" "	Craters	8	10	.....
" "	Painters' helpers	2	16.6	.....
" "	Shippers	8	12	.....
" "	Trimmer	1	10	.....
" "	Woodworkers	4	7.5	.....
Clothing	Buttonhole makers	3	10	.....
"	Coatmakers	4	10	.....

TABLE IV*cc*—MANUFACTURES—CINCINNATI—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Clothing	Cutters	4	20	.....
"	Packers	2	20	.....
"	Tailors	8	10	.....
"	Trimmers	6	5	.....
Confectionery	Candymakers	4	20	.....
Cooperage	Coopers	30	3.6	.....
"	Machine operators	23	10	.....
Copper and brass goods	Apprentices	2	33.3	.....
" "	Coppersmiths	33	66.6	.....
" "	Coppersmiths' helpers	14	10	.....
" "	Coremakers	7	2	.....
" "	Finishers	20	2	.....
" "	Fireman	1	5	.....
" "	Foremen	4	10	.....
" "	Engineer	1	10	.....
" "	Grinders	2	16	.....
" "	Laborers	9	10	.....
" "	Lathe hands	9	10	.....
" "	Machinists	6	3	.....
" "	Moulders	24	8	.....
" "	Mounters	20	10	.....
" "	Packers	10	5	.....
" "	Patternmakers	6	6	.....
" "	Platers	24	5	.....
" "	Polishers	37	6	.....
" "	Stockkeeper	1	10	.....
" "	Teamsters	2	5	.....
" "	Timekeeper	1	10	.....
" "	Vise hands	43	4.4	.....
" "	Watchman	1	5	.....
Cotton & woolen goods (knit & woven)	Dyer	1	10	.....
" " "	Foreman	1	15	.....
" " "	Laborer	1	20	.....
Electrical goods and supplies	Laborers	3	10	.....
Elevators and hoisting machinery	Carpenters	8	5.5	.....
" " "	Machinists	6	5	.....
Flouring mill products	Fireman	1	5	.....
" "	Miller	1	15	.....
Foundry and machine shop products	Apprentices	11	15.6	.....
" " "	Blacksmiths	4	10	.....
" " "	Clerks	2	10	.....
" " "	Coremaker	1	10	.....
" " "	Engineers	2	15	.....
" " "	Finishers	4	2	.....
" " "	Fireman	1	15	.....
" " "	Machine hands	90	10	.....
" " "	Machinists	16	14	.....
" " "	Moulders	87	.....	6.7
" " "	Teamsters	2	.....	4
Furniture	Assemblers	3	10	.....
"	Buffers	6	10	.....
"	Cabinetmakers	50	7	.....
"	Carvers	2	3.1	.....
"	Chainmakers	3	10	.....
"	Engineers	2	10	.....
"	Finishers	8	5	.....
"	Iron bed makers	14	10	.....
"	Laborers	3	8.8	.....
"	Lacquerers	3	10	.....
"	Machine hands	74	13.8	.....
"	Machinists	6	10	.....
"	Mill hands	12	10	.....
"	Moulder	1	10	.....
"	Packers	6	10	.....
"	Teamsters	2	10	.....
"	Upholsterers	10	13	.....
"	Varnishers	16	4	.....
"	Veneerer	1	5	.....
Harness and saddlery	Collar makers	11	15	.....
" "	Harness makers	8	9	.....
" "	Saddle makers	4	4.5	.....
Hats, caps and furnishings	Blockers	3	2.5	.....
" " "	Capmakers	37	6.6	.....

TABLE IV*cc*—MANUFACTURES—CINCINNATI—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Hats, caps and furnishings	Cutters	7	7.6	.....
" " "	Errand boy	1	20	.....
" " "	Machine operators	11	4.9	.....
Ice (artificial)	Tankmen	2	7	.....
Iron (structural and architectural)	Blacksmiths	5	20	.....
" " "	Electrician	1	10	.....
" " "	Engineer	1	10	.....
" " "	Finishers	15	10	.....
" " "	Ironworkers	34	10	.....
" " "	Ironworkers' helpers	56	10	.....
" " "	Laborers	20	12	.....
" " "	Machinists	4	10	.....
" " "	Setters	10	33	.....
" " "	Teamsters	3	10	.....
" " "	Watchman	1	10	.....
Jewelry and watches	Engravers	4	8	.....
" "	Jewelers	34	8	.....
" "	Setters	1	1	.....
Leather and leather goods	Beam hands	3	10	.....
" "	Carpenters	15	11	.....
" "	Engineer	1	6.6	.....
" "	Painters	2	12.1	.....
" "	Patchers	1	18	.....
" "	Tackers	1	28	.....
" "	Yard hands	60	14	.....
Liquors (distilled)	Bottler	1	5	.....
" "	Compounder	1	5	.....
" "	Porter	1	5	.....
Liquors (malt)	Bottlers	15	3.5	.....
" "	Bottlers' helpers	4	25	.....
" "	Cooper	1	6.5	.....
" "	Ice puller	4	.....	5.3
Lithographing, eng. and electrotyping	Artists	8	10.6	.....
" " "	Blocker	1	11	.....
" " "	Bronzer	1	25	.....
" " "	Engraver	6	3	.....
" " "	Finishers	2	11	.....
" " "	Helper	1	11	.....
" " "	Pressfeeders	3	25	.....
" " "	Transferers' assistant	1	50	.....
Machinery	Apprentices	7	14.4	.....
"	Boilermakers	2	.....	4.5
"	Coremaker	1	20	.....
"	Draughtsman	1	43	.....
"	Engineer	1	10	.....
"	Engineer	1	.....	2.5
"	Laborers	11	10.2	.....
"	Machine hands	5	3	.....
"	Machinists	94	6.5	.....
"	Machinists	12	.....	4.5
"	Machinists' helpers	8	5	.....
"	Moulder	1	6.6	.....
"	Painter	1	10	.....
"	Pattern makers	2	16	.....
"	Polisher	1	5	.....
"	Shippers	2	10	.....
"	Stone dressers	2	10	.....
"	Tinners	2	5	.....
"	Woodworkers	2	8	.....
Oil and grease	Coopers' helpers	2	7	.....
" "	Laborers	6	9	.....
Paints and varnishes	Engineers	8	9.3	.....
Patterns and models	Packers	2	10	.....
" "	Stampers	2	10	.....
Plumbing, steam and gas ftg. supplies	Fitters	12	10	.....
" " "	Plumbers	8	15	.....
Printing and binding	Apprentices	4	41.6	.....
" "	Compositors	11	13.2	.....
" "	Cutter	1	10	.....
" "	Errand boys	3	6.1	.....
" "	Feeders	68	12.5	.....
" "	Forwarder	1	11	.....
" "	Pressmen	3	13.3	.....

TABLE IV*cc*—MANUFACTURES—CINCINNATI—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Pumps and water wheels	Laborers	21	10	.....
Regalia	Cutter	1	25	...
"	Designer	1	20	.....
Roofing (steel, iron and tin)	Apprentices	2	30	.....
" " "	Roofers	35	8.6	.....
Sash, doors, lumber and interior finish	Bench hands	31	6.1	.....
" " "	Carpenters	15	3	.....
" " "	Carpenters' helper	1	33.3	.....
" " "	Engineer	1	20	.....
" " "	Glazier	1	5	.....
" " "	Laborers	18	5.5	.....
" " "	Machine hands	15	9.8	.....
" " "	Machine hands' helpers	2	15	.....
" " "	Machinists	12	3	.....
" " "	Sawyers	5	3	.....
" " "	Stairbuilder	1	10	.....
" " "	Teamsters	4	7.5	.....
" " "	Watchmen	1	8	.....
Slaughtering and meat packing	Butchers	5	12	.....
" " "	Engineers	2	12.5	.....
" " "	Hostlers	4	5	.....
" " "	Laborers	5	14	.....
" " "	Teamster	1	10	.....
" " "	Trimmers	20	6	.....
" " "	Watchman	1	11	.....
Soap, candles and tallow	Engineer	1	10	.....
" "	Laborer	1	5	.....
" "	Miller	1	5	.....
" "	Plodder	1	5	.....
" "	Presser	1	5	.....
" "	Soapmaker	1	10	.....
Soda and mineral waters	Bottle washers	3	17	.....
Stencils, stamps and seals	Stampmaker	1	10	.....
Stoves, ranges and furnaces	Coppersmiths	4	10	.....
" " "	Drillers	2	10	.....
" " "	Engineer	1	10	.....
" " "	Fitters	2	10	.....
" " "	Machinists	10	5	.....
" " "	Mounters	14	10	.....
" " "	Polishers	3	10	.....
" " "	Spinner	1	10	.....
Tinware, sheet-iron and galv.-iron ware	Apprentices	2	7.5	.....
" " "	Foreman	1	7.5	.....
" " "	Tinners	50	7.6	.....
" " "	Tinners' helpers	8	7.5	.....
Tobacco (chewing and smoking)	Stampers	4	5	.....
" " "	Wringers	1	5	.....
Tools	Apprentices	5	11	.....
"	Grinders	2	11	.....
"	Helpers	11	11.4	.....
"	Laborers	2	10	.....
"	Laborers	13	.....	5
"	Machinists	67	6	.....
"	Machinists	41	.....	5
"	Polisher	1	.....	7
"	Sawmakers	8	16	.....
Trunks and valises	Finishers	47	5	.....
" "	Machine hands	4	4	.....
" "	Nailers	4	3	.....
Wire rods, wire cloth and wire goods	Blacksmiths	3	10	.....
" " "	Draughtsman	1	10	.....
" " "	Erectors	2	10	.....
" " "	Fencemakers	4	10	.....
" " "	Laborers	11	10	.....
" " "	Laborers (boys)	3	10	.....
" " "	Wireworkers	7	10	.....
Miscellaneous	Binders	5	10	.....
"	Boiler cleaners	2	6	.....
"	Cabinetmakers	6	10	.....
"	Carvers	4	10	.....
"	Cellarmen	37	6	.....
"	Chargers	16	6	.....
"	Clerks	2	.....	20

TABLE IV*cc*—MANUFACTURES—CINCINNATI—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Miscellaneous	Compositors	3	15	.....
"	Covermakers	6	10	.....
"	Drawers	16	6	.....
"	Electricians	3	10	.....
"	Engineers	11	10	.....
"	Engineers	2	.....	20
"	Finishers	10	10	.....
"	Firemen	10	6	.....
"	Foremen	51	10	.....
"	Foreman	1	.....	20
"	Inspectors	21	10	.....
"	Jointers	4	10	.....
"	Laborers	23	9.3	.....
"	Laborers	17	.....	20
"	Linemen	29	10	.....
"	Machine hands	5	10	.....
"	Machinists' assistants	2	9	.....
"	Masons	10	7	.....
"	Mattress makers	1	....	12
"	Oilers	4	6	.....
"	Pavers	9	10	.....
"	Pump operators	4	6	.....
"	Rameers	6	12	.....
"	Reedworkers	4	10	.....
"	Ruler	1	10	.....
"	Shipper	1	20	.....
"	Stokers	50	6	.....
"	Switchboard operators	7	10	.....
"	Teamster	1	.....	20
"	Tenders	6	6	.....
"	Tinners	15	5	.....
"	Troublemen	5	10	.....
"	Up-fitters	5	10	.....
Totals and averages		2,752	9.5	.....
		211	.....	8.1

TABLE IV*cc*—MANUFACTURES—CINCINNATI—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Advertising novelties and signs	Novelty makers	25	10	.....
Awnings, tents and flags	Feeders	4	5	.....
" "	Flag makers	70	5	.....
" "	Folders	4	5	.....
" "	Stackers	8	5	.....
Bags (paper and burlap)	Machine operators	13	4	.....
" "	Finishers	5	10	.....
" "	Machine operators	21	4.8	.....
Boots and shoes	Fitters	45	5	.....
" "	Packers	31	1	.....
Bread and other bakery products	Icers	5	1.5	.....
Carriages and wagons	Trimmers	5	10	.....
Carriage and wagon materials	Laborers	13	5	.....
Clothing	Buttonhole makers	12	10	.....
"	Forewoman	1	20	.....
"	Packers	4	20	.....
"	Tailoresses	8	9	.....
Confectionery	Packers	2	10	.....
Copper and brass goods	Burnishers	8	10	.....
" "	Lacquerers	12	5	.....
" "	Wrappers	10	5	.....
Foundry and machine shop products	Binders	1	11	.....
Furniture	Cushion makers	2	25	.....
Hats, caps and furnishings	Apprentices	4	15	.....
" "	Capmakers	99	5.5	.....
" "	Finishers	3	21	.....
" "	Machine operators	19	6.2	.....
Jewelry and watches	Jewelers	2	10	.....
Lithographing, eng. and electrotyping	Laborers	12	16.6	.....
Patterns and models	Clerks	12	10	.....
" "	Stampers	2	10	.....
Printing and binding	Binders	8	14.8	.....
" "	Feeder	1	10	.....
Regalia	Machine operators	2	45	.....
Soap, candles and tallow	Box makers	4	5	.....
" "	Bundler	1	5	.....
" "	Polishers	2	5	.....
" "	Presser	1	5	.....
" "	Wrappers	2	5	.....
Trunks and valises	Finishers	47	5	.....
Miscellaneous	Comfort makers	11	5	.....
"	Folders	6	10	.....
"	Laborers	2	10	.....
"	Seamstresses	30	10	.....
Total and average	.....	579	8.3	.....

TABLE IV*d*—MANUFACTURES—DAYTON.

ADVERTISING NOVELTIES AND SIGNS—2 ESTABLISHMENTS.—

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Artists	3	307	$2 30	$706 10	9
Cutters	2	307	1 50	460 50	10
Designers	3	308	2 50	770 00	9
Engineer	1	307	2 50	767 50	10
Engravers	4	307	1 80	552 60	9
Feeders	4	307	1 08	331 56	10
Helpers	6	307	1 00	307 00	10
Laborers	20	308	1 00	308 00	9
Lithographer	1	307	1 65	506 55	9
Pressmen	6	307	2 50	767 50	9.6
Pressmens' helpers	3	308	1 00	308 00	9
Shipper	1	307	1 17	359 19	10
Watchmen	2	307	1 50	460 50	10

AGRICULTURAL IMPLEMENTS—4 ESTABLISHMENTS.

Assemblers	20	225	1 45	326 25	10
Blacksmiths	10	267	2 08	555 36	9.9
Coremakers	5	270	2 35	634 50	10
Driller	1	300	1 25	375 00	9
Engineers	2	247	3 12	770 64	10
Grinder	1	300	2 25	675 00	9
Helpers	4	300	1 50	450 00	9.5
Laborers	205	210	1 46	306 60	10
Machinists	25	243	1 67	405 81	10
Millwright	1	225	2 00	450 00	10
Moulders	32	270	3 10	837 00	10
Painters	13	248	1 67	414 16	9.9
Patternmakers	4	247	2 67	659 49	10
Shop clerk	1	225	1 75	393 75	10
Stablemen	4	270	1 80	486 00	10
Stavemaker	1	300	2 25	675 00	9
Steelworkers	27	225	1 62	364 50	10
Stock clerk	1	300	1 65	495 00	9
Toolmakers	2	225	2 20	495 00	10
Warehouse men	5	270	2 00	540 00	10
Woodworkers	14	265	1 94	514 15	10

AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.

Awning hangers	3	317	2 00	634 00	10
Blacksmith	1	278	1 75	486 50	10
Laborers	2	242	1 50	363 00	9.5

BOILERS, ENGINES AND TANKS—6 ESTABLISHMENTS.

Apprentices	12	310	1 00	310 00	10
Blacksmiths	125	281	1 67	469 27	10
Boilermakers	21	306	2 47	755 82	10
Carpenters	6	290	2 28	661 20	10
Draughtsman	1	310	2 00	620 00	10
Engineers	2	308	1 87	575 96	10
Fireman	1	307	1 90	583 30	10
Helpers	55	305	1 51	460 55	10
Laborers	11	310	1 50	465 00	10
Lathe hand	1	282	2 50	705 00	10
Layer-out	1	307	4 94	1,516 58	10
Machinists	34	309	2 50	772 50	10
Machine hands	74	281	2 21	621 01	10
Moulders	8	310	2 90	899 00	10
Moulders' helpers	60	280	2 30	644 00	10
Painter	1	310	2 25	697 50	10
Patternmakers	8	287	2 52	723 24	10
Plumber	1	310	2 00	620 00	10
Rivet heaters	2	307	1 18	362 26	10
Sheet-iron workers	5	304	2 23	677 92	10
Shipping clerk	1	310	1 75	542 50	10
Teamster	1	310	1 75	542 50	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

BOILERS, ENGINES AND TANKS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Toolmaker	1	282	$3 00	$846 00	10
Yardmen	15	280	1 65	462 00	10
BOXES (PAPER)—4 ESTABLISHMENTS.					
Box pressmen	50	305	1 50	457 50	10
Compositors	22	300	1 31	393 00	10
Cutters	18	300	1 61	483 00	9.8
Engineer	1	300	2 75	825 00	9
Foremen	2	300	3 00	900 00	9
Gluers	3	300	1 28	384 00	10
Laborers (boys)	10	300	60	180 00	9
Packers	3	300	1 50	450 00	9
Pailmakers	3	300	92	276 00	10
Porters	14	294	1 50	441 00	9.5
Pressmen	2	300	2 75	825 00	9
Shippers	10	300	1 64	492 00	9.9
Teamster	1	300	2 00	600 00	9
Watchman	1	300	2 00	600 00	9
BOXES (WOODEN)—4 ESTABLISHMENTS.					
Boxmakers	7	250	1 60	400 00	10
Boxnailers	7	305	1 59	484 95	10
Engineer	1	306	2 50	765 00	10
Filer	1	306	2 50	765 00	10
Foremen	2	300	2 00	600 00	10
Laborers	14	301	1 03	310 01	10
Laborers (boys)	15	306	75	229 50	10
Machine hands	29	300	1 42	426 00	8.2
Printers	2	300	1 50	450 00	10
Sawyers	8	305	1 95	594 75	10
Teamsters	7	305	1 50	457 50	10
Trimmers	3	300	50	150 00	10
Watchman	1	306	1 50	459 00	10
BREAD AND OTHER BAKERY PRODUCTS—6 ESTABLISHMENTS.					
Bakers	37	283	1 72	486 76	9.7
Bakers' helpers	5	188	1 60	300 80	8.8
Clerk	1	297	2 17	644 49	12
Cooper department hands	2	305	1 87	570 35	10
Cracker department hands	19	305	1 67	509 35	10
Drivers	2	305	1 90	579 50	10
Engineers	2	305	2 25	686 25	10
Foreman	1	290	3 33	965 70	10
Hostlers	2	305	1 70	518 50	10
Laborers	4	303	1 66	502 98	10
Mixers	3	176	3 16	556 16	8.6
Oven tenders	2	290	1 50	435 00	10
Packers	2	305	1 75	533 75	10
Peeler	1	290	2 14	620 60	10
Porters	4	303	1 50	454 50	10
Pretzel rollers	3	305	1 75	533 75	10
Shippers	2	305	2 13	649 65	10
Teamsters	6	304	1 91	580 64	10
Watchmen	3	243	2 00	486 00	10
BRICK AND TILE—6 ESTABLISHMENTS.					
Brickmakers	21	160	1 82	291 20	9
Burners	2	150	2 00	300 00	12
Engineers	4	227	2 18	494 86	9
Fireman	1	150	3 00	450 00	10
Helpers	10	300	1 25	375 00	10
Laborers	40	257	1 67	429 19	9

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

BRICK AND TILE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Marble setters	14	350	$3 50	$1,050 00	9
Moulders	3	187	3 16	590 92	9.3
Off-bearer	1	112	2 00	224 00	10
Teamsters	11	259	1 72	445 48	9.3
Temperer	1	112	2 50	280 00	10
Wheeler	1	112	2 25	252 00	10
BROOMS AND BRUSHES—3 ESTABLISHMENTS.					
Broommakers	5	295	1 60	472 00	8.6
Brushmaker	1	306	1 50	459 00	8
CARRIAGES AND WAGONS—9 ESTABLISHMENTS.					
Blacksmiths	38	258	2 10	541 80	10
Blacksmiths' helpers	2	94	1 60	150 40	10
Engineer	1	240	2 00	480 00	10
Foremen	3	240	2 75	660 00	10
Helpers	3	306	1 66	507 96	10
Laborers	5	300	1 75	525 00	10
Painters	74	214	1 95	417 30	10
Repairers	3	300	3 00	900 00	10
Teamster	1	240	2 00	480 00	10
Trimmers	22	250	2 11	527 50	10
Wagonmaker	1	313	2 50	782 50	10
Watchman	1	240	1 75	420 00	10
Woodworkers	22	254	2 29	581 66	10
CARRIAGE AND WAGON MATERIAL—4 ESTABLISHMENTS.					
Bender	1	275	2 25	618 75	10
Blacksmiths	2	288	2 50	720 00	9
Blacksmiths' helpers	3	288	1 75	504 00	9
Engineers	3	271	2 58	699 18	10
Firemen	2	270	1 70	459 00	10
Foreman	1	275	2 50	687 50	10
Hub mortiser	4	284	1 75	497 00	10
Hub turners	3	284	2 00	568 00	10
Inspectors	2	284	2 00	568 00	10
Laborers	76	270	1 49	402 30	10
Laborers (boys)	31	283	97	274 51	9
Machinist	1	288	2 25	648 00	9
Machine hands	23	284	1 75	497 00	10.8
Millwright	1	284	2 50	710 00	10
Rim drivers	4	284	2 00	568 00	10
Rim markers	2	284	1 75	497 00	10
Rim polishers	4	284	1 75	497 00	10
Selectors	6	282	1 93	544 26	10
Spoke bolters	9	284	1 75	497 00	10
Spoke drivers	6	284	2 00	568 00	10
Spoke turners	8	284	2 00	568 00	10
Teamsters	4	279	1 70	474 30	10
Watchmen	2	270	1 70	459 00	11
Wheelmakers	46	256	1 75	448 00	10
CIGARS—17 ESTABLISHMENTS.					
Bunch breakers	13	295	1 63	480 85	9.5
Bunchmakers	27	295	2 09	616 55	9
Casers	2	298	2 00	596 00	9
Cigarmakers	42	279	1 83	510 57	8.5
Foremen	6	290	3 08	893 20	9.8
Handlers	6	298	1 30	387 40	9.6
Laborers	19	298	1 38	411 24	9.6
Laborers (boys)	6	298	1 00	298 00	9.6
Packers	4	290	2 25	652 50	8.7
Porter	1	252	1 00	252 00	8
Rollers	56	297	2 00	594 00	9.5

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

CIGARS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Shipping clerk	1	303	$1 50	$454 50	10
Stripper	1	310	60	186 00	10
Watchman	1	303	1 50	454 50	12
CLOTHING—19 ESTABLISHMENTS.					
Coatmakers	51	272	2 82	767 04	8.9
Cutters	18	292	2 61	762 12	9
Helper	1	300	3 00	900 00	10
Janitor	1	280	1 00	280 00	8
Pressers	2	300	1 50	450 00	9
Porters	2	228	1 24	282 72	8.5
Stockmen	2	300	2 00	600 00	9
Shipper	1	300	1 50	450 00	9
Tailors	5	270	3 10	837 00	9.5
Trousermakers	21	276	2 42	667 92	8.9
Vestmakers	7	305	2 21	674 05	8.5
Watchman	1	280	50	140 00	9
COFFEE, BAKING POWDER AND SPICES—4 ESTABLISHMENTS.					
Boxmakers	2	300	$1 50	$450 00	10
Canmakers	4	300	1 75	525 00	10
Coffee roasters	5	301	2 35	707 35	9.8
Coffee roasters' helper	1	300	1 75	525 00	10
Elevator man	1	300	1 50	450 00	10
Engineers	4	289	2 28	658 92	9.5
Machinist	1	300	2 50	750 00	10
Packers	7	300	1 90	570 00	10
Porters	13	289	1 50	442 50	9.5
Teamsters	2	303	1 87	366 61	9.5
Watchman	1	300	1 50	450 00	12
CONFECTIONERY—2 ESTABLISHMENTS.					
Candymakers	2	300	2 00	600 00	9
Drivers	2	365	1 50	547 50	10
Ice cream maker	1	365	1 50	547 50	10
Packer	1	365	1 50	547 50	10
COPPER AND BRASS GOODS—2 ESTABLISHMENTS.					
Coremaker	1	300	2 75	825 00	8.5
Finishers	37	308	2 00	616 00	10
Furnace tender	1	300	2 50	750 00	8.5
Laborers	23	307	1 11	340 77	9.9
Laborers (boys)	2	300	1 16	348 00	8.5
Moulders	37	306	2 01	615 06	9.7
Patternmakers	33	308	1 90	585 20	10
Platers	8	308	1 45	446 60	10
Polishers	20	308	2 20	677 60	10
Spinners	5	308	2 10	646 80	10
Toolmakers	9	308	2 30	708 40	10
Watchman	1	300	1 50	450 00	8.5
DAIRY PRODUCTS—2 ESTABLISHMENTS.					
Drivers	23	366	2 00	732 00	8
Engineer	1	366	3 00	1,098 00	10
Foreman	1	300	2 00	600 00	10
Hostlers	4	366	1 50	549 00	11
Ice cream maker	1	366	1 75	640 50	10
Laborers	17	342	1 55	530 10	8.7
Stock keeper	1	366	2 50	915 00	10
Weigher	1	366	2 00	732 00	7

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—2 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bottle washers	2	307	$1 33	$408 31	9
Chemist	1	307	2 50	767 50	9
Packers	3	307	1 88	577 16	9.6
Shipping clerk	1	307	66	202 62	9
ELECTRICAL GOODS AND SUPPLIES—3 ESTABLISHMENTS.					
Assemblers	8	300	1 66	498 00	9.5
Draughtsman	1	302	4 00	1,208 00	8
Electrician	1	290	1 75	507 50	10
Machinists	43	300	1 51	453 00	8.2
Polishers	4	300	2 00	600 00	9.5
FLOURING MILL PRODUCTS—4 ESTABLISHMENTS.					
Engineers	4	230	2 50	575 00	12
Foreman	1	156	2 00	312 00	12
Floor hands	6	300	1 88	564 00	10
Laborers	12	242	1 64	396 88	10
Millers	9	265	2 51	665 15	12
Packers	4	303	1 78	539 34	10
Teamsters	11	275	1 78	489 50	10.3
FOUNDRY AND MACHINE SHOP PRODUCTS—19 ESTABLISHMENTS.					
Annealers	52	275	1 40	385 00	10
Apprentices	21	281	1 08	303 48	10
Assemblers	577	282	2 42	683 44	9.5
Bench hands	35	277	1 90	526 30	10
Blacksmiths	70	307	2 37	727 59	10
Blacksmiths' helpers	95	307	1 66	509 62	10
Buffers	4	275	2 50	687 50	10
Cabinetmakers	96	308	2 30	708 40	10
Carpenters	384	298	2 35	700 30	9.8
Carver	1	308	3 00	924 00	10
Casting cleaners	10	275	1 25	343 75	10
Compositors	90	283	2 43	687 69	9.5
Coremakers	91	287	1 81	519 47	10
Cupola tenders	2	302	2 25	679 50	10
Draughtsmen	14	304	2 62	796 48	9.9
Drill press hands	18	277	1 45	401 65	10
Electricians	6	308	2 10	646 80	10
Engineers	2	297	3 79	1,125 63	10
Filers	18	275	2 25	618 75	10
Foremen	10	275	3 28	902 00	10
Furnace tender	1	275	2 00	550 00	10
Inspectors	126	282	2 01	566 82	9
Laborers	678	292	1 64	478 88	9.9
Lathe hands	5	275	1 65	453 75	10
Machine boys	13	305	1 30	396 50	10
Machine hands	22	300	1 85	555 00	10
Machinists	868	290	2 10	609 00	9.7
Maintenance men	144	283	2 24	633 92	9.5
Marquetry men	11	308	2 60	800 80	10
Metal workers	11	275	2 03	558 25	10
Milling machine hands	9	275	1 50	412 50	10
Millwrights	23	308	2 41	742 28	10
Moulders	585	285	2 37	675 45	9.9
Moulders' helpers	49	308	1 50	462 00	10
Oremaker	1	264	2 00	528 00	10
Packers	9	275	1 75	481 25	10
Painters	166	293	2 03	594 79	9.8
Patternmakers	60	346	2 35	813 10	10
Pipe fitters	29	308	2 20	677 60	10
Platers	71	283	2 28	645 24	9.5
Polishers	80	281	3 43	963 83	9.5
Screwmakers	84	282	2 37	668 34	9.5
Shippers	76	275	1 26	346 50	10
Teamster	1	300	1 50	450 00	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Tinners	31	308	$2 45	$754 60	10
Toolmakers	248	284	3 14	891 76	9.5
Trimmers	49	275	1 25	343 75	10
Truck builders	28	308	2 25	693 00	10
Upholsterers	35	308	2 00	616 00	10
Watchmen	2	302	1 15	347 30	10
Woodworkers	5	275	2 06	566 50	10
FURNITURE—6 ESTABLISHMENTS.					
Apprentices	12	276	81	223 56	10
Bench hands	2	280	2 25	630 00	8.5
Cabinetmakers	50	304	2 23	677 92	10
Carvers	14	310	2 82	874 20	10
Draughtsmen	3	304	2 65	805 60	10
Engineers	5	293	2 75	805 75	10
Finishers	113	310	2 42	750 20	10
Foremen	4	280	2 50	700 00	8.5
Helpers	6	280	1 50	420 00	8.5
Laborers	5	292	1 65	481 80	10
Machine hands	109	310	1 84	570 40	10
Machinists	10	280	2 00	560 00	8.5
Packers	26	307	1 16	356 12	10
Sanders	36	313	1 50	469 50	10
Stoolers	30	313	2 75	860 75	10
Teamsters	8	305	1 56	475 80	9.6
Upholsterers	10	290	2 25	652 50	10
Watchmen	2	292	1 80	525 60	10.5
GLASS AND GLASSWARE—2 ESTABLISHMENTS.					
Bevelers	5	310	1 50	465 00	10
Cutter	1	300	2 00	600 00	10
Lead glaziers	12	308	1 50	462 00	10
HARNESS AND SADDLERY—2 ESTABLISHMENTS.					
Finishers	2	300	1 50	450 00	10
Harness makers	8	300	1 66	198 00	8
Stuffer (boy)	1	300	75	225 00	10
Trunkmakers	4	300	2 00	600 00	8
IRON (STRUCTURAL AND ARCHITECTURAL)—2 ESTABLISHMENTS.					
Blacksmiths	3	300	1 75	525 00	10
Ironworkers	17	300	1 70	510 00	10
Laborers	2	300	1 50	450 00	10
Machinists	2	300	1 50	450 00	10
LIQUORS (MALT)—7 ESTABLISHMENTS.					
Bottlers	17	273	1 64	447 72	10
Brewers	12	308	2 49	766 92	9.9
Cellar men	22	263	2 75	723 25	10
Drivers	64	274	2 40	657 60	9.9
Engineers	15	266	3 20	851 20	11.2
Firemen	12	278	2 47	686 66	12
Hostlers	9	273	2 31	630 63	10
Ice pullers	4	263	2 00	526 00	12
Kettle men	6	263	2 83	744 29	10
Laborer	1	306	1 75	535 50	9
Wash housemen	13	263	2 33	612 79	10
Watchmen	6	270	2 48	669 60	12
MACHINERY—15 ESTABLISHMENTS.					
Apprentices	32	280	88	246 40	9.5
Assemblers	310	288	1 85	532 80	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bench hands	10	265	$2 00	$530 00	10
Blacksmiths	13	284	2 32	658 88	9.9
Blacksmiths' helpers	2	302	1 65	498 30	9.5
Boilermakers	44	275	2 09	574 75	10
Buffers	12	288	3 00	864 00	10
Carpenters	24	284	2 30	653 22	9.9
Coremakers	90	282	2 08	586 56	9.9
Cupola tender	1	265	2 50	662 50	8
Draughtsmen	37	281	2 98	837 38	9
Drill press operators	2	273	1 82	496 86	10
Electricians	14	279	2 34	652 86	10
Engineers	14	283	2 22	628 26	9.9
Filers	42	288	2 00	576 00	10
Finishers	86	299	2 00	598 00	10
Foremen	6	299	4 85	1.450 15	10
Furnace tender	2	265	2 25	596 25	8
Helpers	2	152	1 00	152 00	10
Janitor	1	281	1 65	463 65	10
Laborers	791	276	1 77	488 52	9.9
Laborer (boy)	1	281	70	196 70	10
Lathe hands	20	300	2 25	675 00	9
Machine hands	276	288	1 74	501 12	9.9
Machinists	483	282	2 32	654 24	9.9
Millwrights	13	275	2 67	734 25	10
Monitor hands	19	265	2 25	596 25	10
Moulders	227	283	2 75	778 25	9
Painters	9	278	1 87	519 86	10
Pattern makers	69	281	2 63	739 03	9.9
Planer hands	17	300	2 50	750 00	9
Polishers	34	285	3 33	949 05	10
Press hand	1	281	2 35	660 35	10
Screwmakers	69	288	2 50	720 00	10
Sewing room hands	15	288	2 25	648 00	10
Shipping clerks	29	287	2 27	651 49	10
Toolmakers	30	284	3 20	908 80	10
Watchmen	4	281	1 72	483 32	10.5
Woodworkers	52	290	1 91	553 90	10
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Balers	2	282	1 50	428 00	9.5
Engineer	1	250	2 25	562 50	9
Felt machine operator	1	315	1 50	472 50	12
Fillers	4	282	1 75	493 50	9.5
Finishers	8	266	2 37	630 42	9.2
Teamster	1	250	2 00	500 00	9
PAINTS AND VARNISHES—5 ESTABLISHMENTS.					
Cooper	1	305	1 75	533 75	10
Engineers	2	259	2 50	647 50	9.5
Foremen	2	235	2 25	528 75	10
Helpers	5	306	1 67	511 02	9
Laborers	31	256	1 61	412 16	10
Mixer	1	235	1 66	390 10	10
Paint grinders	46	282	2 23	628 86	8.1
Repairer	1	235	2 00	470 00	10
Varnish maker	1	306	2 50	765 00	9
Watchman	1	284	1 75	497 00	9
PATTERNS AND MODELS—2 ESTABLISHMENTS.					
Apprentices	4	307	75	230 25	10
Engineer	1	307	2 25	690 75	10
Machinist	1	307	2 75	844 25	10
Patternmakers	3	298	3 00	894 00	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
PRINTING AND BINDING—20 ESTABLISHMENTS.					
Apprentices	7	304	98	297 92	9
Binders	34	302	1 84	555 68	9.9
Blank book department hands	17	288	1 40	403 20	10
Clerks	7	315	2 00	630 00	9
Compositors	88	300	2 13	639 00	9
Cutters	3	307	1 39	426 73	9.8
Electrotypers	11	315	1 50	472 50	9
Engineers	4	315	2 50	787 50	10
Errand boys	6	301	50	150 50	9.3
Foremen	6	303	2 15	651 45	9.1
Helpers	3	304	1 33	404 32	9.8
Janitor	1	300	1 35	405 00	10
Laborers	3	288	1 35	388 80	10
Linotype operators	9	312	3 42	1,067 04	8
Lithographers	8	300	1 66	498 00	9
Machine hands	2	309	1 84	568 56	9.5
Machinists	4	310	2 56	793 60	9.5
Packers	2	309	1 67	416 03	9.5
Photo engravers	23	315	1 85	582 75	9
Porter	1	308	1 60	492 80	9
Pressfeeders	40	305	1 29	393 45	9.2
Pressmen	19	304	2 43	738 72	9.1
Rulers	20	280	2 09	585 20	9.9
Tablet department hands	21	288	1 46	420 48	10
SASH, DOORS, LUMBER AND INTERIOR FINISH—5 ESTABLISHMENTS.					
Bench hands	92	302	2 43	833 36	9
Carpenters	112	296	2 49	737 04	9
Carver	1	305	3 25	991 25	9
Cut-off men	3	280	1 50	420 00	10
Edger	2	280	1 50	420 00	10
Engineers	2	304	2 75	836 00	10
Filers	2	280	2 00	560 00	10
Fireman	1	280	1 75	490 00	10
Glazier	1	305	1 67	509 35	9
Helpers	2	90	1 25	112 50	9
Laborers	55	300	1 54	462 00	9
Laborers (boys)	6	298	1 00	298 00	9
Machine hands	74	293	2 37	694 41	9
Mechanics	40	298	2 60	774 80	9
Off-bearer	1	280	1 50	420 00	10
Painters	2	304	2 00	608 00	9
Sawyer	1	280	2 00	560 00	10
Setter	1	280	1 50	420 00	10
Teamsters	5	304	1 65	501 60	10.2
Watchman	1	304	2 00	608 00	12
Woodturners	4	304	2 25	684 00	9
SLAUGHTERING AND MEAT PACKING—3 ESTABLISHMENTS.					
Butchers	86	302	1 95	588 90	10
Cellarmen	3	315	2 00	630 00	10
Drivers	8	300	2 00	600 00	10
Engineers	5	309	2 60	803 40	10.8
Firemen	2	300	1 75	525 00	12
Hostlers	3	315	1 83	576 45	10
Laborers	16	300	1 65	495 00	10
Packer	1	300	2 00	600 00	10
Sausage makers	16	307	2 10	644 70	10
Watchmen	4	300	1 86	558 00	12
SOAP, CANDLES AND TALLOW—7 ESTABLISHMENTS.					
Carpenter	1	300	2 35	705 00	10
Cutters	2	290	1 67	484 30	10
Engineers	3	302	2 50	755 00	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

SOAP AND TALLOW—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Fireman	1	300	$1 75	$525 00	10
Helpers	11	298	1 21	360 58	9.5
Laborers	69	303	1 61	487 83	10
Mailer	1	300	2 50	750 00	10
Packer	1	280	1 60	448 00	10
Pressmen	2	290	1 92	556 80	10
Soap boiler	1	300	3 00	900 00	10
Soap makers	10	301	2 05	617 05	10
SODA AND MINERAL WATERS—3 ESTABLISHMENTS.					
Bottlers	4	313	2 11	660 43	9
Bottle washers	5	314	1 41	442 74	9.2
Drivers	5	288	2 30	662 40	8.6
Mixer	1	258	2 50	645 00	8
STONE, (CUT, SAWED AND ARTIFICIAL)—2 ESTABLISHMENTS.					
Finishers	4	308	3 50	1,078 00	10
Foreman	1	100	2 50	250 00	10
Laborers	33	308	1 75	539 00	10
Machine hands	3	100	1 50	150 00	8
Roofers	6	308	2 00	616 00	10
Teamster	1	100	1 50	150 00	8
STOVES, RANGES AND FURNACES—4 ESTABLISHMENTS.					
Assemblers	12	303	1 35	409 05	10
Carpenter	1	313	3 25	1,017 25	10
Coremakers	4	313	2 75	860 75	10
Craters	6	303	1 50	454 50	10
Engineer	1	303	2 50	757 50	10
Laborers	70	270	1 52	410 40	9.3
Machine hands	7	303	1 60	484 80	10
Machinists	4	313	2 25	704 25	10
Moulders	59	275	3 12	858 00	9.4
Mounters	30	240	3 00	720 00	9
Painters	4	303	1 50	454 50	10
Patternmaker	1	303	3 25	984 75	10
Press hands	3	303	1 80	545 40	10
Tinsmiths	7	305	2 03	619 15	10
Toolmaker	1	303	2 60	787 80	10
Watchmen	2	308	1 75	539 00	11
STRAWBOARDS AND PAPER—5 ESTABLISHMENTS.					
Back tenders	8	306	1 50	459 00	10
Beatermen	16	222	1 85	410 70	10
Beatermens' helpers	19	259	1 50	388 50	10
Calendermen	2	306	1 75	535 50	10
Calendermen's helpers	2	306	1 50	459 00	10
Engineers	12	232	2 38	552 16	10.6
Finishers	9	284	1 91	542 44	10
Firemen	4	243	1 75	425 25	10
Foreman	1	306	2 33	712 98	10
Helpers	2	306	1 50	459 00	10
Laborers	135	221	1 50	331 50	10.5
Laborers (boys)	23	259	97	251 23	10
Machine tenders (binders)	4	180	1 66	298 80	10
Machine tenders	18	260	2 36	613 60	10.2
Millwrights	9	305	1 77	539 85	10
Oiler	1	306	1 50	459 00	10
Ruler	1	306	2 50	765 00	10
Shipping clerks	3	308	1 60	492 80	10
Size maker	1	306	1 50	459 00	10
Teamster	1	288	1 50	432 00	10
Watchman	1	220	1 75	385 00	12

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—3 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cornice makers	24	301	$2 70	$812 70	9.1
Helper	1	309	1 66	412 94	10
Laborers	2	300	1 60	480 00	9
Slate roofers	5	303	2 50	757 50	9.4
Teamsters	2	260	1 50	390 00	9
Tinners	15	276	2 16	596 16	9.3
TOBACCO (CHEWING AND SMOKING)—4 ESTABLISHMENTS.					
Carpenters	2	307	1 83	561 81	10
Casers	4	287	1 87	536 69	9.7
Cutter	1	309	1 75	540 75	9
Engineer	1	309	2 25	695 25	9
Foreman	1	225	2 00	450 00	9.5
Hostlers	5	307	1 83	561 81	10
Laborer	1	225	1 66	373 50	10
Laborers (boys)	18	244	73	178 12	10
Packers	20	267	1 92	512 64	10
Rehandlers	60	307	1 25	383 75	10
TOOLS—5 ESTABLISHMENTS.					
Apprentice	1	300	1 00	300 00	10
Blacksmiths	4	299	2 25	672 75	10
Carvers	3	300	91	273 00	10
Engineer	1	299	2 50	747 50	10
Fireman	1	299	1 50	448 50	10
Forgers	6	299	2 00	598 00	10
Grinders	10	299	2 25	672 75	10
Helper	1	306	83	253 98	10
Laborers	4	299	1 46	436 54	10
Machinists	15	299	2 26	675 74	10
Polishers	2	299	1 75	523 25	10
Temperers	5	299	2 00	598 00	10
Vise hands	2	299	1 75	523 25	10
MISCELLANEOUS—27 ESTABLISHMENTS.					
Adjusters	37	200	75	150 00	10
Basket makers	4	300	1 75	525 00	10
Bottler	1	300	2 25	675 00	9
Bottle washers	12	305	75	228 75	10
Brass finishers	2	281	2 25	632 25	10
Buffer	1	281	2 50	702 50	10
Cellar men	2	300	1 75	525 00	12
Craters	6	303	1 25	378 75	10
Compositors	4	305	1 48	451 40	10
Coopers	8	180	1 00	180 00	8
Cutters	2	300	2 50	750 00	10
Drivers	29	301	1 89	568 89	9.8
Dynamo tender	1	365	1 98	722 70	12
Engineers	7	316	2 82	575 12	11.1
Engraver	1	300	3 00	900 00	10
Filler	1	284	1 50	426 00	10
Firemen	9	321	2 09	670 89	11.5
Foremen	2	290	3 00	870 00	10
Golf stick makers	15	300	1 75	525 00	10
Gum makers	13	305	1 42	433 10	10
Helpers	13	301	92	276 92	9.5
Hostlers	2	300	2 00	600 00	12
Ice pullers	4	300	1 75	525 00	12
Janitors	2	305	1 00	305 00	10
Laboratory hands	2	305	3 40	1,037 00	10
Laborers	51	305	1 56	475 80	9.5
Laborer (boy)	1	300	1 00	300 00	10
Lastmakers	99	300	1 73	519 00	10
Linemen	2	365	2 25	821 25	10
Machine hands	16	303	1 51	457 53	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machinists	26	272	$2 51	$682 72	10
Mechanics	14	274	2 19	600 06	10
Mixer	1	284	1 66	471 44	10
Nickel plater	1	281	2 75	772 75	10
Oilers	2	365	1 50	547 50	12
Operators	25	267	1 75	467 25	10
Packers	3	301	2 10	632 10	10
Painters	7	211	1 27	267 79	10
Paste maker	1	307	1 33	408 31	9
Plater	1	300	2 50	750 00	10
Porters	4	301	98	294 98	10
Pressmen	12	217	1 95	423 15	10
Press operators	12	305	1 15	350 75	10
Putty workers	2	310	2 00	620 00	10
Roofers	7	300	2 00	600 00	10
Shipping clerks	8	289	2 30	664 70	10
Spinners	2	281	2 75	772 75	10
Stampmakers	3	300	1 82	546 00	10
Teamster	1	284	2 00	568 00	10
Tester	1	281	1 66	466 46	10
Tinner	1	281	2 50	702 00	10
Toolmakers	30	267	83	221 61	10
Toymakers	40	200	65	130 00	10
Trimmers	2	365	1 98	722 70	12
Tyer	1	284	1 50	426 00	10
Umbrella makers	26	307	1 48	454 36	10
Watchman	1	200	1 50	300 00	10
Waxworkers	8	306	1 25	382 50	10
Wiremen	3	365	2 20	803 00	10
Woodworkers	7	200	1 75	350 00	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ADVERTISING NOVELTIES AND SIGNS—2 ESTABLISHMENTS.					
Feeders	6	308	$0 80	$246 40	9
Laborers	6	308	60	184 80	9
Sewers	2	307	67	205 69	10
AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.					
Cutter	1	206	1 50	309 00	9
Sewing machine operators	11	292	95	277 40	9.9
BOXES (PAPER)—4 ESTABLISHMENTS.					
Boxmakers	240	300	95	285 00	9.1
Cutters	15	300	60	180 00	10
Gluers	31	300	82	246 00	10
Novelty workers	75	294	1 00	294 00	8.5
Pailmakers	32	300	50	150 00	10
BOXES (WOODEN)—4 ESTABLISHMENTS.					
Nailers	3	300	67	201 00	10
Pasters	66	289	76	219 64	8.7
Pressfeeder	1	300	60	180 00	10
BREAD AND OTHER BAKERY PRODUCTS—4 ESTABLISHMENTS.					
Clerks	12	291	70	203 70	10
Laborers	10	303	58	175 74	10
Packers	29	303	62	187 86	10
BROOMS AND BRUSHES—1 ESTABLISHMENT.					
Brushmaker	1	306	90	275 40	8
CARRIAGES AND WAGONS—1 ESTABLISHMENT.					
Machine operators	3	240	83	199 20	10
CIGARS—14 ESTABLISHMENTS.					
Apprentices	32	303	50	151 50	9
Banders	14	303	75	227 25	10
Bunchbreakers	163	298	1 35	402 30	9.5
Cigarmakers	23	270	1 41	380 70	8.5
Forewomen	4	303	1 66	502 98	10
Packers	55	296	1 35	399 60	8 8
Piercer	1	290	1 50	435 00	9
Rollers	328	291	1 42	413 22	9
Strippers	101	296	81	239 76	9 9
CLOTHING—20 ESTABLISHMENTS.					
Coatmakers	3	306	1 33	406 98	9
Helpers	2	300	1 00	300 00	9
Inspectors	2	280	1 83	512 40	9.5
Machine operators	199	298	1 02	303 96	9.9
Sewers	3	309	90	278 10	10
Tailoresses	2	225	1 05	236 25	9.5
Trouser makers	9	300	1 30	390 00	8.5
Vestmakers	22	276	1 36	375 36	9
COFFEE, BAKING POWDER AND SPICES—4 ESTABLISHMENTS.					
Canmakers	5	300	1 25	375 00	9
Packers	48	298	1 01	300 98	8.7
CONFECTIONERY—1 ESTABLISHMENT.					
Dippers	5	300	80	240 00	9
COPPER AND BRASS GOODS—1 ESTABLISHMENT.					
Platers	3	308	80	246 40	10

TABLE IV*d*—MANUFACTURES—DAYTON—Continued.

DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—2 ESTABLISHMENTS.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bottlers	23	307	$1 37	$420 59	9.6
Labelers	4	307	83	254 81	9
ELECTRICAL GOODS AND SUPPLIES—1 ESTABLISHMENT.					
Winders	2	290	1 25	362 50	10
FOUNDRY AND MACHINE SHOP PRODUCTS—6 ESTABLISHMENTS.					
Assemblers	141	283	1 34	379 22	9
Compositors	72	283	1 36	384 88	8
Coremakers	40	275	1 00	275 00	10
Laborers	21	283	1 33	376 39	8
Machinists hands	100	283	1 30	367 90	8
Maintenance	4	283	1 06	299 98	8
Tabletmakers	2	300	95	285 00	10
Upholsterers	4	308	1 25	385 00	10
MACHINERY—3 ESTABLISHMENTS.					
Seamstresses	7	289	1 00	289 00	9.7
Winders	3	281	1 03	289 34	10
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Seamstresses	8	274	1 40	383 60	10.1
PAINTS AND VARNISHES—1 ESTABLISHMENT.					
Cardmakers	10	284	1 00	284 00	8
Labelers	10	284	1 25	355 00	8
PRINTING AND BINDING—16 ESTABLISHMENTS.					
Blank book makers	29	288	83	239 04	10
Binders	67	300	85	255 00	9.9
Clerks	6	315	1 25	393 75	8
Compositors	15	300	1 30	390 00	9.6
Forewoman	1	306	1 50	459 00	9
Helpers	2	300	50	150 00	10
Machine hands	15	310	78	241 80	9.3
Mailing clerks	6	315	1 00	315 00	8
Pressfeeders	15	303	1 04	315 12	9.4
Proofreaders	6	313	2 50	782 50	8.3
Rulers	5	288	79	227 52	10
Tablet makers	34	288	72	207 36	10
SOAP, CANDLES AND TALLOW—4 ESTABLISHMENTS.					
Mailers	5	300	$1 05	$315 00	8.5
Packers	16	297	90	267 30	9
Wrappers	4	300	87	261 00	10
STRAWBOARDS AND PAPER—4 ESTABLISHMENTS.					
Calender girls	7	180	83	149 40	8
Counters	9	239	96	229 44	10
Feeder	1	306	85	260 10	10
Labeler	1	306	85	260 10	10
Laborers	48	308	80	246 40	10
Lay-off girls	4	306	85	260 10	10
Rag sorters	22	306	85	260 10	10
Scrapers	6	180	66	118 80	8
TOBACCO—4 ESTABLISHMENTS.					
Bulk workers	2	225	1 00	225 00	9.5
Cutters	2	309	1 15	355 35	9

TABLE IV*d*—MANUFACTURES—DAYTON—Concluded.

TOBACCO—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Oversizers	46	249	$0 90	$224 10	9
Packers	6	309	1 25	386 25	9
Piece workers	16	225	1 25	281 25	9
Rehandlers	90	307	80	245 60	9
Strippers	2	309	80	247 20	9
MISCELLANEOUS—11 ESTABLISHMENTS.					
Assorters	14	267	75	200 25	10
Bottlers	9	305	81	247 05	10
Cleaners	5	305	85	259 25	10
Clerks	5	307	1 36	417 52	9.5
Cutter	1	300	75	225 00	10
Gluers	3	305	90	274 50	10
Helper	1	305	90	274 50	10
Laborers	3	300	1 25	375 00	10
Machine operators	10	300	1 25	375 00	10
Mailing department hands	60	300	1 00	300 00	8
Packers	4	267	1 00	267 00	10
Painters	15	200	1 00	200 00	10
Plate workers	6	300	1 00	300 00	10
Pressfeeders	5	305	1 12	341 60	10
Seamstress	1	63	1 00	63 00	10
Umbrella makers	34	307	83	254 81	10
Waxworkers	6	310	75	232 50	8
Wrappers	20	305	84	256 20	9

TABLE IV*dd*—MANUFACTURES—DAYTON.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Boilers, engines and tanks	Apprentices	12	.....	20
" " "	Blacksmith	2	1	.....
" " "	Boilermakers	4	.....	8
" " "	Carpenters	2	16.6	.....
" " "	Draughtsman	1	20	.....
" " "	Heaters	2	.....	13
" " "	Helpers	38	2.5	.....
Boxes (wooden)	Sheet-iron workers	2	4	.....
Carriage and wagon material	Cigar box makers	7	10	.....
" " "	Hub turners	3	10	.....
" " "	Laborers	36	10	.....
" " "	Rim drivers	4	10	.....
" " "	Rim polishers	4	5	.....
Clothing	Rim electors	2	10	.....
Coffee, baking powder and spices	Cutters	5	7	.....
" " "	Elevator man	1	.....	10
" " "	Packers	7	5	.....
Electrical goods and supplies	Roasters	2	5	.....
" " "	Machinists	37	3	.....
Foundry and machine shop products	Machinists	4	.....	2
" " "	Casting cleaners	10	.....	16.7
" " "	Draughtsman	1	11	.....
" " "	Moulders	14	5	.....
Furniture	Trimmers	49	4	.....
"	Apprentices	10	12.4	.....
"	Apprentices	2	.....	4
"	Cabinetmakers	35	8.2	.....
"	Engineer	1	40	.....
"	Finishers	18	9	.....
"	Machine hands	13	5	.....
"	Packers	9	6.4	.....
"	Teamster	1	20	.....
Glass and glassware	Bevelers	5	8	.....
" "	Lead glaziers	10	8	.....
Machinery	Apprentices	15	10	.....
"	Assemblers	310	6	.....
"	Bench hands	10	10	.....
"	Carpenters	10	.....	2
"	Coremakers	24	.....	10
"	Draughtsmen	26	10	.....
"	Electricians	3	10	.....
"	Engineers	7	.....	10
"	Furnace tenders	2	10	.....
"	Machinists' apprentices	20	2	.....
"	Moulders	59	.....	2
"	Painters	7	2	.....
Printing and binding	Watchmen	3	5	.....
" "	Painters	3	5	.....
Slaughtering and meat packing	Sorter	1	5	.....
" " "	Butchers	23	5	.....
" " "	Cellarmen	3	5	.....
Stoves, ranges and furnaces	Sausage makers	8	5	.....
" " "	Laborers	7	10	.....
Miscellaneous	Tinners	2	10	.....
"	Adjusters	37	4	.....
"	Drivers	24	1	.....
"	Engineers	2	1.2	.....
"	Hostlers	2	1	.....
"	Laborers	2	5	.....
"	Machine hands	5	5	.....
"	Mechanics	11	2	.....
"	Painters	6	4	.....
"	Pressmen	24	5	.....
"	Shipping clerk	1	4	.....
"	Toymakers	40	4	.....
"	Watchman	1	4	.....
"	Woodworkers	7	4	.....
Totals and averages		923	5.5	.....
		135	.....	6.9

TABLE IV*dd*—MANUFACTURES—DAYTON—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Clothing	Inspectors and folders	2	20	.....
Coffee, baking powder and spices	Packers	13	5	.....
Printing and binding	Compositor	1	10	.....
Miscellaneous	Painters	15	4	.....
Totals and averages	.....	31	5.6	.....

TABLE IVe—MANUFACTURES—TOLEDO.

AGRICULTURAL IMPLEMENTS—2 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cupola tender	1	285	$2 00	$570 00	10
Engineer	1	285	2 50	712 50	10
Grinders	3	285	1 50	427 50	10
Laborers	11	246	1 46	359 16	10
Laborers (boys)	2	144	1 00	144 00	10
Moulders	3	285	2 00	570 00	10
Painters	3	285	1 50	427 50	10
Rattler	1	285	1 50	427 50	10
Woodworkers	4	285	1 75	359 16	10

AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.

Awning and tent maker	1	306	3 00	918 00	10
Blacksmiths	2	303	2 25	681 75	9.7
Carpenter	1	306	2 00	612 00	10
Foremen	2	306	3 12	954 72	10
Laborers	16	302	1 59	480 18	9.8
Machinist	1	300	2 00	600 00	9.5
Painter	1	306	1 60	489 60	10
Shipping clerk	1	306	2 00	612 00	10

BATH CABINETS—2 ESTABLISHMENTS.

Cabinetmakers	3	252	1 50	378 00	9
Foreman	1	300	2 25	675 00	9.5
Machine hand	1	300	1 50	450 00	9.5
Shipping clerk	2	276	1 87	516 12	9.2

BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—6 ESTABLISHMENTS.

Assemblers	133	297	1 87	555 39	10
Bench hands	151	272	1 25	340 00	10
Blacksmiths	27	292	2 26	659 92	10
Buffers	31	303	2 96	896 88	9.9
Cleaners	4	366	1 50	549 00	12
Clerks and elevator boys	36	295	1 50	442 50	10
Draughtsmen	6	295	4 50	1,327 50	10
Drop forgers	16	305	2 50	762 50	10
Enamelers	35	305	2 00	610 00	10
Engineers	9	288	2 00	576 00	9.8
Filers	58	295	1 60	472 00	10
Foremen	15	295	4 15	1,224 25	10
Forge hands	7	272	1 75	476 00	10
Foundry hands	30	295	2 26	666 70	10
Helpers	4	366	75	274 50	10
Inspectors	15	295	2 00	590 00	10
Laborers	152	296	1 57	464 72	9.9
Machine hands	252	281	1 50	421 50	10
Machinists	244	297	1 39	412 83	9.9
Mechanics	4	366	3 50	1,281 00	10
Packers	35	284	1 40	397 60	10
Painters	145	295	2 00	586 00	10
Platers	34	297	1 96	582 12	10
Rattan workers	145	289	1 50	433 50	10
Shippers	6	295	2 03	598 85	10
Teamster	1	272	2 00	544 00	10
Testers	70	295	2 26	666 70	10
Tinners	25	295	2 65	781 75	10
Toolmakers	86	298	3 30	983 40	9.5
Trimmers	37	295	2 44	719 80	10
Upholsterers	2	289	1 50	433 50	10
Watchmen	8	290	1 93	559 70	10
Wheelworkers	75	289	1 25	356 25	10
Woodworkers	72	292	1 91	567 72	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

BILLIARD TABLES, BAR AND STORE FIXTURES—2 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cabinetmakers	5	290	$2 25	$652 50	9
Carpenters	91	293	1 75	512 75	10
Carvers	2	293	2 50	732 50	10
Engineers	2	293	2 50	732 50	10
Finishers	3	290	2 00	580 00	9
Laborers	36	290	1 54	446 60	9.6
Machine hands	7	290	2 00	580 00	9
Turners	4	293	2 00	586 00	10

BOILERS, ENGINES AND TANKS—6 ESTABLISHMENTS.

Blacksmiths	18	310	2 86	886 60	8.8
Boilermakers	38	299	2 89	864 11	10
Boilermakers' helpers	12	280	1 75	490 00	10
Boltmakers	4	308	2 25	693 00	8
Carpenters	6	304	2 37	720 48	9
Coremakers	10	308	2 20	677 60	8
Draymen	2	300	1 66	498 00	10
Engineer	1	308	2 50	770 00	10
Fireman	1	308	1 75	539 00	10
Foundrymen	10	308	2 10	646 80	8
Handy men	10	300	2 00	600 00	10
Helpers	56	304	1 55	471 20	10
Ironworkers	98	310	2 05	635 50	9
Laborers	151	307	1 79	549 53	8.6
Machinists	304	308	2 59	797 72	8.6
Machinists' helpers	22	308	2 10	646 80	8
Moulders	23	306	2 71	829 26	8.2
Painters	7	310	2 00	620 00	9
Patternmakers	6	305	2 78	847 90	6.5
Screw cutters	8	308	2 20	677 60	8
Woodworkers	50	310	2 70	837 00	9

BOXES (PAPER)—3 ESTABLISHMENTS.

Boxmakers	12	307	1 29	396 03	9.7
Craters	2	308	1 04	320 32	10
Cutter	1	308	2 00	616 00	10
Enders	2	308	1 46	449 68	10
Foreman	1	313	2 50	782 50	10
Printer	1	308	1 00	308 00	10

BOXES (WOODEN)—6 ESTABLISHMENTS.

Boxmakers	8	286	1 25	357 50	9.2
Cutters	7	275	1 83	503 25	10
Engineers	3	293	2 16	632 88	9.6
Foreman	1	300	2 70	810 00	9
Helpers	19	305	1 00	305 00	10
Laborers	9	275	1 50	412 50	10
Laborers (boys)	3	275	75	206 25	10
Machine hands	8	275	1 75	481 25	10
Millmen	2	300	1 00	300 00	9
Nailers	12	287	2 00	574 00	10
Novelty makers	4	306	1 25	382 50	9
Sawyers	15	305	1 75	533 75	10
Teamsters	6	294	1 60	470 40	9.8

BREAD AND OTHER BAKERY PRODUCTS—9 ESTABLISHMENTS.

Bakers	88	267	2 28	608 76	9.1
Bakers' helpers	15	305	1 26	384 30	8.5
Boxmaker	1	295	1 25	368 75	9
Drivers	46	254	2 26	574 04	9.3
Engineers	4	313	2 20	688 60	9.5
Fireman	1	295	1 50	442 50	9
Foremen	4	247	3 33	822 51	9
Helpers	33	246	1 27	312 42	8.6

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

BREAD AND OTHER BAKERY PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Hostlers	4	259	$2 06	$533 54	9.7
Laborers	5	225	1 85	416 25	9
Laborers (boys)	2	192	1 00	192 00	10
Packers	2	295	1 50	442 50	10
Shippers	10	304	1 73	525 92	9.6
Truckman	1	295	2 00	590 00	9
Watchman	1	295	1 50	442 50	10
BRICK AND TILE—9 ESTABLISHMENTS.					
Bank men	11	130	2 08	270 40	8.5
Burners	17	177	1 82	322 14	10.1
Burners' helpers	7	135	1 70	229 50	10
Carpenters	2	135	2 25	303 75	10
Cranesman	1	135	2 00	270 00	9
Dumpers	10	147	2 44	358 68	8.6
Edgers	3	150	72	108 00	8.8
Engineers	10	155	2 34	362 70	8.7
Foreman	1	135	2 50	337 50	12
Laborers	126	166	1 75	390 50	8.8
Laborer (boy)	1	206	65	133 90	8
Moulder	1	82	1 42	116 44	8.5
Mould washers	4	146	79	115 34	8.8
Pallet boy	1	82	78	63 96	8.5
Pallet men	4	135	1 34	180 90	9
Pitchers	7	155	2 25	348 75	9.1
Rackers	10	154	1 92	295 68	8.6
Sand boy	1	185	1 00	185 00	9
Sanders	9	148	1 26	186 48	8.8
Setters	13	151	3 84	579 84	8.4
Shovelers	3	168	3 00	504 00	9
Strike-off men	9	149	1 90	283 10	8.7
Teamsters	17	165	1 68	277 20	9.2
Teamsters (with teams)	3	185	4 00	740 00	9
Temperer	1	206	2 05	422 30	8
Truckers	30	139	1 87	259 93	8.7
Tub tenders	8	139	1 95	271 05	8.8
Tub tenders' helper	1	135	1 75	236 25	9
Turn brick	6	126	1 05	132 30	8.1
Turntable boy	6	151	86	129 86	9
Watchman	1	135	1 35	182 25	11
Wheelers	37	144	2 73	393 12	8.4
Yardmen	6	125	1 75	218 75	8
BROOMS AND BRUSHES—6 ESTABLISHMENTS					
Basket makers	65	275	2 14	588 50	9
Basket makers (boys)	43	275	70	192 50	9
Broom makers	11	302	1 99	600 98	8.2
Brush makers	15	200	1 50	300 00	10
Brush makers (boys)	11	200	75	150 00	10
Engineer	1	275	3 00	525 00	9
Foremen	4	218	2 75	599 50	9.7
Helper	1	300	1 00	300 00	10
Machinist	1	200	2 25	450 00	10
Sewers	2	304	1 75	532 00	8.5
Shipper	1	300	1 50	450 00	10
Sorters	10	302	1 22	368 44	8.4
CARRIAGES AND WAGONS—10 ESTABLISHMENTS.					
Apprentices	2	306	1 00	306 00	9
Blacksmiths	91	301	1 90	571 90	9.8
Blacksmiths' helpers	59	302	1 47	443 94	9.6
Carpenters	9	301	1 85	556 85	10
Elevator boys	9	301	65	195 65	10
Laborers	48	301	83	249 83	9.9
Machinists	5	301	2 50	752 50	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

CARRIAGES AND WAGONS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Mechanics	22	301	$1 80	$541 80	10
Painters	97	301	1 95	586 95	9.5
Shippers	43	301	1 50	451 50	10
Trimmers	3	303	2 83	857 49	9.6
Watchmen	3	301	1 60	481 60	12
Woodworkers	127	301	1 79	508 79	9.9
Yardmen	24	301	1 55	466 50	9
CARRIAGE AND WAGON MATERIAL—5 ESTABLISHMENTS.					
Benders	20	300	1 53	459 00	10
Blacksmiths	3	303	2 50	757 50	10
Carpenter	1	300	2 50	750 00	10
Cutters	2	305	2 50	762 50	10
Engineers	4	296	2 42	716 32	10
Firemen	3	293	1 68	492 24	10
Foremen	7	300	2 50	750 00	10
Graders and sorters	20	300	1 50	450 00	10
Hammer men	2	306	2 25	688 50	10
Helpers	19	300	1 44	432 00	10
Laborers	53	293	1 46	427 78	10
Machine hands	46	203	1 79	363 37	10
Machinist	1	306	3 50	1,071 00	10
Machine hands' helpers	20	280	1 45	406 00	10
Packers	10	300	1 50	450 00	10
Paste boys	2	305	75	228 75	10
Sawyers	26	300	1 53	459 00	10
Shippers	9	301	1 66	499 66	10
Stuffers	2	305	2 25	686 25	10
Teamsters	10	296	1 65	488 40	10
Teamster (with team)	1	300	4 00	1,200 00	10
Topmakers	2	305	2 50	762 50	10
Watchmen	2	303	1 42	430 26	10
Woodworkers	2	305	2 50	762 50	10
Yardmen	9	300	1 31	393 00	10
CIGARS—11 ESTABLISHMENTS.					
Cigarmakers	53	283	2 15	608 45	9.4
Foreman	1	300	2 60	780 00	9
Strippers	6	300	1 66	498 00	8.6
CLOTHING—30 ESTABLISHMENTS.					
Bushelmen	4	305	2 41	735 05	10
Button machine operators	2	275	85	233 75	9 5
Coatmakers	54	296	2 60	769 60	9.6
Cutters	22	293	2 31	676 83	9.2
Foreman	1	300	2 15	645 00	9
Helper	1	308	50	154 00	10
Helpers (boys)	5	283	61	172 63	7.7
Machine operators	31	295	3 28	967 60	9
Machinist	1	290	2 25	652 50	9.5
Packer	1	275	85	233 75	9.5
Porter	1	290	1 00	290 00	9.5
Pressers	11	300	2 40	720 00	9
Shipping clerk	1	290	1 50	435 00	9.5
Stock clerk	1	290	2 00	580 00	9.5
Tailors	96	266	2 55	678 30	9.1
Trouser makers	13	299	2 16	645 84	9.7
Vestmakers	2	303	2 62	793 86	10
Watchmen	3	293	1 56	457 08	12
CONFECTIONERY—3 ESTABLISHMENTS.					
Candymakers	15	306	2 00	612 00	9
Drivers	3	308	1 80	554 40	9
Stockkeeper	1	308	2 00	616 00	9

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
COOPERAGE—3 ESTABLISHMENTS.					
Coopers	26	300	$1 89	$567 00	8.6
Engineer	1	275	1 67	459 25	10
Foremen	3	275	2 00	550 00	10
Helpers	14	275	1 28	352 00	10
Laborers	6	275	1 35	371 25	10
Lathe hands	13	275	1 65	453 75	10
Painters	6	275	1 50	412 50	10
Planer hands	5	275	1 60	440 00	10
Teamsters	2	275	1 50	412 50	10
Yardmen	4	300	1 83	549 00	9
COPPER AND BRASS GOODS—3 ESTABLISHMENTS.					
Apprentices	4	305	93	283 65	9
Finishers (brass)	7	303	2 00	606 00	9
Furnace tender	1	305	1 50	457 50	9
Helper	1	305	90	274 50	9
Moulders (brass)	7	303	2 33	705 99	9
Watchman	1	305	1 20	366 00	12
COTTON AND WOOLEN GOODS—2 ESTABLISHMENTS.					
Knitters	3	298	2 50	745 00	9
Pressers	3	285	1 50	427 50	9.5
DAIRY PRODUCTS—2 ESTABLISHMENTS.					
Drivers	16	365	1 54	562 10	10
Ice cream makers	2	365	2 10	766 50	10
Laborers	2	365	1 82	664 30	10
Washer	1	365	1 43	521 95	10
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—7 ESTABLISHMENTS.					
Buffers	5	300	1 75	525 00	10
Chemists	2	306	5 00	1,530 00	10
Helpers	4	232	87	201 84	10
Janitors	4	307	99	303 93	8
Laborer	1	360	2 00	720 00	8
Laboratory employes	9	298	2 25	670 50	9.1
Machinists	2	300	2 00	600 00	10
Plater	1	300	1 25	375 00	10
Press hands	2	300	1 50	450 00	10
Tool setter	1	300	2 50	750 00	10
ELECTRICAL GOODS AND SUPPLIES—5 ESTABLISHMENTS.					
Assemblers	12	253	1 50	379 50	9
Bench hands	10	306	2 00	612 00	9
Buffers	6	253	3 00	759 00	9
Cockmakers	2	305	2 25	686 25	9
Designer	1	307	3 33	1,022 31	9
Electricians	10	300	2 75	825 00	10
Engineer	1	305	2 00	610 00	9
Errand boy	1	307	75	230 25	9
Filers	7	305	1 35	411 75	9
Fitters	10	305	1 75	533 75	9
Fitters' helpers	6	305	66	201 30	9
Floor boy	1	307	75	230 25	9
Grinders	3	305	1 66	506 30	9
Helpers	20	300	1 00	300 00	10
Laborers	18	305	90	274 50	9
Lacquerers	3	305	1 75	533 75	10
Lathe hands	13	306	2 15	657 90	9
Mechanics	20	300	2 75	825 00	10
Moulders	7	305	2 85	869 25	9
Moulders' helpers	4	306	1 37	419 27	9
Packer	1	307	1 75	537 25	9

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Pattern maker	1	307	$3 00	$921 00	9
Platers	2	306	3 75	1,147 50	9
Platers' helper	1	307	1 50	460 50	9
Polishers	13	305	2 50	762 50	9
Polishers' helpers	3	307	75	230 25	9
Press hands	4	253	1 75	442 75	9
Shipping clerks	6	305	1 58	481 90	9
Spinners	6	305	2 66	811 30	9
Stock clerk	1	307	1 75	537 25	9
Watchmen	2	306	1 50	459 00	9
Wiremen	3	306	8 00	918 00	8
EXTRACTS, TOILET ARTICLES AND PERFUMERY—3 ESTABLISHMENTS.					
Driver	1	303	1 60	484 80	8
Helper	1	303	1 60	484 80	8
Packer	1	308	1 58	486 64	9
Packer's helper	1	308	1 25	385 00	9
Perfumer	1	303	2 50	757 50	8
Pressman	1	308	50	154 00	9
FLOURING MILL PRODUCTS—9 ESTABLISHMENTS.					
Carpenter	1	280	3 00	840 00	10
Coopers	8	198	1 87	370 26	11
Elevator men	6	284	1 63	462 92	10.3
Elevator weighmaster	1	280	2 20	616 00	10
Engineers	16	277	2 77	767 29	10
Firemen	8	246	1 94	477 24	10.2
Foremen	5	216	2 41	520 56	10.8
Grinder	1	285	2 00	570 00	11
Helpers	10	199	165	328 35	10.4
Laborers	78	289	1 70	491 30	10
Laborer (boy)	1	280	75	210 00	10
Machinist	1	331	2 50	827 50	12
Millers	16	253	2 52	637 56	11
Millers' helper	1	331	1 83	605 73	12
Mill clerk	1	280	2 20	616 00	10
Millwrights	3	286	3 24	926 64	9.3
Oilers	3	241	1 63	392 83	11.3
Roll tenders	2	280	2 00	560 00	12
Packers	20	239	2 02	482 78	11
Sweepers	3	241	1 56	375 96	10
Teamsters	6	249	1 86	463 14	10
Teamster (with team)	1	280	3 25	910 00	10
Watchmen	3	301	1 75	526 75	12
Wheat cleaner	2	164	1 92	314 88	10
FOUNDRY AND MACHINE SHOP PRODUCTS—17 ESTABLISHMENTS.					
Apprentices	4	310	1 00	310 00	9
Assemblers	24	300	1 85	555 00	10
Bench hands	47	300	1 35	405 00	10
Blacksmiths	21	306	2 72	832 32	9.5
Carpenters	10	275	2 45	673 75	9.8
Coremakers	64	273	1 81	494 13	10
Craneman	1	310	2 00	620 00	10
Cupola tenders	2	305	1 75	533 75	10
Cutters	3	250	1 50	375 00	10
Draughtsmen	4	302	2 15	649 30	9.7
Enamelers	14	300	1 75	525 00	10
Engineers	10	279	2 00	558 00	10
Finishers	13	308	2 23	686 84	9
Flaskmakers	2	300	2 20	660 00	10
Foremen	5	302	3 26	984 52	10
Furnace men	20	267	1 88	501 96	10
Grinders	4	282	1 68	473 76	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Handle men	4	250	$3 00	$750 00	10
Helpers	171	305	1 60	488 00	9.5
Laborers	476	272	1 46	397 12	10
Machine hands	31	285	1 65	470 25	9.4
Machinists	151	305	2 51	765 55	9.4
Millwrights	4	310	3 00	930 00	10
Moulders	350	283	2 35	665 05	9
Packers	19	300	1 35	405 00	10
Painters	12	300	1 50	450 00	10
Patternmakers	22	279	2 83	840 51	9.5
Polishers	15	273	2 86	780 78	10
Pressmen	8	250	1 50	375 00	10
Shippers	3	283	1 97	557 51	10
Steam fitters	20	313	3 00	939 00	10
Stockkeepers	2	300	1 52	456 00	10
Teamsters	2	300	1 37	411 00	10
Tinners	2	300	1 87	561 00	10
Watchmen	4	300	1 60	480 00	10.5
Welders	6	266	2 58	686 28	10
Woodworkers	32	306	1 61	492 66	9.1
FURNITURE—13 ESTABLISHMENTS.					
Apprentices	16	298	1 11	330 78	9.6
Assembler	1	50	2 50	125 00	10
Cabinetmakers	85	290	2 17	629 30	9.4
Carpenters	2	300	1 50	450 00	10
Carvers	7	284	2 50	710 00	9.4
Chair makers	25	282	1 56	439 92	9.6
Cover makers	3	300	75	225 00	10
Cutters	2	287	2 00	574 00	9.5
Draughtsman	1	310	3 30	1,023 00	10
Engineers	2	276	2 25	621 00	9.5
Fillers	3	306	1 33	406 98	9.5
Finishers	61	293	1 80	527 40	9.5
Fireman	1	265	2 00	530 00	9
Foremen	7	299	2 69	804 31	10
Helpers	7	300	83	249 00	10
Laborers	3	319	1 28	408 32	9.6
Laborers (boys)	7	291	75	218 25	9.7
Machine hands	92	285	1 89	538 65	9.6
Machine hands' helpers	8	265	1 25	331 25	9
Machinist	1	50	2 50	125 00	10
Mattress workers	3	298	1 50	447 00	10
Packers	17	297	1 45	430 65	9.5
Polisher	1	50	1 50	75 00	10
Pressman	1	50	1 33	66 50	10
Rubbers	2	306	2 00	612 00	9.5
Sanders	3	306	95	290 70	9.5
Shippers	7	291	2 11	614 01	10
Teamsters	6	287	1 80	516 60	9.6
Upholsterers	78	288	2 26	650 88	9.7
Varnishers	4	297	2 00	594 00	9.7
Watchmen	3	208	1 50	312 00	10.3
Woodworkers	26	296	1 92	568 32	10
Yardmen	11	277	1 57	434 89	9.2
GAS AND ELECTRICITY—2 ESTABLISHMENTS.					
Chargers retort house	14	365	2 12	773 80	12
Drip pumpers	2	365	1 25	456 25	10
Electrician	1	365	2 50	912 50	9
Engineers	8	365	2 37	865 05	12
Exhauster room man	1	365	2 00	730 00	12
Firemen	15	365	1 75	638 75	9.4
Gas fittters	2	365	2 00	730 00	10
Gas fitters' helpers	2	365	1 62	591 30	10
Helpers	11	365	1 68	613 20	12
Laborers	46	365	1 64	598 60	9.9
Lineman	1	365	2 25	821 25	9
Machinist	1	365	2 75	1,003 75	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

GAS AND ELECTRICITY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Meter men	7	365	$2 00	$730 00	10
Steamfitters	3	365	2 25	821 25	9
GLASS AND GLASSWARE—2 ESTABLISHMENTS.					
Acid room men	6	220	1 00	220 00	10
Blacksmith	1	220	3 00	660 00	10
Blowers	450	235	2 25	528 75	9
Boxmaker	1	220	2 25	495 00	10
Cutters	160	235	2 50	587 50	10
Electrician	1	220	2 50	550 00	10
Engineers	5	220	2 05	451 00	10
Feeders	8	220	5 10	1,122 00	8
Furnace men	4	220	2 07	455 40	12
Gatherers	3	220	3 25	715 00	8
Glaziers	6	220	1 50	330 00	10
Grinders	2	220	2 00	440 00	10
Laborers	102	233	1 73	403 09	10
Laborers (boys)	40	220	95	209 00	8
Lehrmen	4	220	1 62	356 40	10
Mixers	2	220	1 87	411 40	10
Mouldmakers	3	220	2 50	550 00	10
Packers	5	220	3 00	660 00	10
Selector	1	220	2 50	550 00	10
Shippers	3	220	2 25	495 00	10
Teasers	4	220	1 82	400 40	12
Timekeepers	2	220	83	182 60	10
HATS, CAPS AND FURNISHINGS—2 ESTABLISHMENTS.					
Blocker	1	300	2 10	630 00	9
Cutters	2	300	2 25	675 00	9
Laborer (boy)	1	300	75	225 00	9
Machine operators	4	300	2 50	750 00	9
IRON (STRUCTURAL AND ARCHITECTURAL)—2 ESTABLISHMENTS.					
Blacksmiths	14	270	2 12	572 40	10
Bridge and structural workers	269	264	1 90	501 60	10
Iron workers	6	308	2 50	770 00	10
Laborers	18	308	1 60	492 80	10
Machinists	22	266	2 13	566 58	10
Moulders	5	308	2 75	847 00	10
Patternmakers	2	308	2 75	847 00	10
Teamster	1	308	1 75	539 00	10
Watchman	1	308	1 50	462 00	10
Wireworkers	7	308	2 20	677 60	10
LIME, SAND, CEMENT AND PLASTER—4 ESTABLISHMENTS.					
Engineer	1	300	3 66	1,098 00	10
Fireman	1	300	1 66	498 00	10
Foremen	4	285	2 54	723 90	10
Laborers	34	290	1 70	493 00	10
Mortar makers	7	300	1 75	525 00	10
Teamsters (with teams)	18	294	3 13	920 00	10
LIQUORS (DISTILLED)—2 ESTABLISHMENTS.					
Carpenter	1	310	1 75	542 50	10
Cooper	1	310	2 00	620 00	10
Driver	1	300	2 00	600 00	9
Helper	1	300	1 25	375 00	9
Laborers	15	310	2 00	620 00	10
Watchman	1	310	1 75	542 50	10

TABLE IVc—MANUFACTURES—TOLEDO—Continued.

LIQUORS (MALT)—7 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bartenders	2	226	$1 50	$339 00	8
Bottlers	27	306	1 62	495 72	9.9
Brewers	37	325	3 02	981 50	8.3
Brewers' helper	1	148	1 50	222 00	8
Carpenters	14	345	2 22	765 90	8.8
Cellar men	20	323	2 68	865 64	8.3
Drivers	3	300	2 50	750 00	9
Engineers	14	320	2 89	924 80	8.2
Fermenting men	4	365	2 77	1,011 05	9
Firemen	14	328	2 22	728 16	8.1
Foremen	7	283	3 00	849 00	8.8
Helpers	23	307	2 63	807 41	9
Hostlers	16	361	2 65	956 65	9.8
Kettle men	4	365	2 89	1,054 85	9
Laborers	8	335	1 62	542 70	9
Malt tender	1	305	2 50	762 50	8
Peddlers	7	340	2 69	914 16	9
Shipping clerk	1	305	2 50	762 50	8
Sternewarth	1	365	1 50	547 50	12
Teamsters	22	301	2 46	740 46	8
Wash-house men	19	333	2 52	839 16	8.2
Watchmen	4	318	1 88	597 84 ½	9.4
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—2 ESTABLISHMENTS.					
Artist	1	308	3 00	924 00	8
Electrotyper	1	298	3 50	1,043 00	10
Electrotyper's helper	1	298	1 25	372 50	10
Finishers	2	298	2 62	780 76	10
Finishers' helper	1	298	83	247 34	10
Office boy	1	298	50	149 00	10
MACHINERY—9 ESTABLISHMENTS.					
Apprentices	22	301	93	279 93	9.1
Assemblers	2	293	2 00	586 00	9
Blacksmiths	18	302	2 73	824 00	9.6
Blacksmiths' helpers	20	300	1 67	501 00	9.7
Boilermakers	2	308	2 75	847 00	10
Carpenters	11	301	2 40	722 40	9.8
Carpenters' helpers	2	300	1 75	525 00	10
Coremakers	7	300	2 25	675 00	10
Cupola tender	1	300	2 25	675 00	10
Cutters	2	295	1 10	324 50	10
Diemakers	43	302	2 80	845 60	9
Draughtsmen	6	301	3 50	1,053 50	9.5
Draughtmen's helpers	4	300	1 50	450 00	10
Driver	1	302	1 66	503 32	9
Engineers	5	300	2 05	615 00	9.4
Enamelers	4	293	2 25	659 25	9
Firemen	8	300	3 50	1,050 00	10
Grinder	1	293	2 25	659 25	9
Hangers	6	295	1 25	368 75	10
Helpers	64	303	1 66	502 98	9 3
Laborers	112	299	1 54	460 46	9.5
Machine hands	20	303	2 27	687 81	9
Machinists	215	302	2 53	764 06	9.4
Machinists' helpers	4	300	1 75	525 00	10
Moulders	55	302	2 64	797 28	10
Packer	1	293	1 25	366 25	9
Painters	8	295	1 12	330 40	10
Patternmakers	9	302	2 93	884 86	9.2
Plater	1	293	3 50	1,025 50	9
Polishers	3	293	3 00	879 00	9
Receiving clerk	1	300	1 80	540 00	10
Sawyers	6	295	1 30	383 50	10
Shipping clerks	2	296	1 90	562 40	9.5
Storekeepers	3	300	2 00	600 00	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Timekeepers	2	300	$1 75	$525 00	10
Toolmakers	2	293	3 25	952 25	9
Watchmen	4	300	1 47	441 00	11.5
MARBLE AND GRANITE—2 ESTABLISHMENTS.					
Cutters	17	304	2 69	817 76	8.7
Engineer	1	308	2 50	770 00	10
Laborers	5	300	1 50	450 00	10
Polishers	5	301	1 90	571 90	10
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Driver	1	312	1 50	468 00	10
Filler	1	312	1 25	390 00	10
Finisher	1	312	2 00	624 00	10
Helpers	2	312	63	196 56	10
Laborers	2	312	1 12	349 44	10
Picker	1	312	50	156 00	10
Springmakers	3	312	1 41	439 92	10
OIL AND GREASE—4 ESTABLISHMENTS.					
Blacksmiths	2	314	2 00	628 00	10
Bottleman	1	314	2 88	904 32	10
Bricklayers	3	348	3 66	1,273 68	8.6
Bricklayers' helper	1	366	2 25	823 50	8
Carpenter	1	314	2 00	628 00	10
Car repairers	12	331	1 96	648 76	10
Coopers	12	290	2 00	580 00	10
Drillers	6	314	4 00	1,256 00	12
Engineers	13	303	2 40	727 20	10.8
Filler	1	232	1 50	348 00	10
Filterer	1	232	2 00	464 00	10
Firemen	15	312	2 12	661 44	11
Foremen	3	276	3 32	916 32	10
Gaugers	7	314	3 05	957 70	10
Grinders	4	232	1 65	382 80	10
Laborers	69	320	1 93	617 60	10
Machinist	1	314	3 10	973 40	10
Moulders	11	234	1 85	432 90	11.4
Panmen	2	314	2 00	628 00	10
Pipe fitters	12	348	2 16	751 68	10
Pressmen	7	235	2 01	472 35	11
Pumpers	11	314	2 31	725 34	10
Stillmen	6	331	2 51	830 81	12
Strippers	3	241	1 80	433 80	10
Teamsters	10	314	1 98	621 72	10
Temperers	2	232	2 00	464 00	12
Treaters	3	331	2 50	827 50	10
Trimmers	2	232	1 80	417 60	12
Tool dressers	6	314	3 00	942 00	12
Watchman	1	314	1 60	502 40	10
PAINTS AND VARNISHES—4 ESTABLISHMENTS.					
Compounder	1	300	2 00	600 00	10
Engineers	2	297	2 75	816 75	9
Foreman	1	285	3 00	855 00	8
Grinders	2	285	2 00	570 00	8
Labeler	1	309	1 25	386 25	10
Laborer	1	300	1 50	450 00	10
Millwright	1	309	1 75	540 75	10
Packer	1	285	1 75	498 75	8
Paint makers	5	309	5 90	1,823 10	10
Puttymaker	1	309	1 50	463 50	10
Shipping clerks	3	299	1 63	487 37	9
Teamsters	4	223	2 56	570 88	9.5

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

PAINTS AND VARNISHES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Tinter	1	300	$2 00	$600 00	10
Varnish makers	3	307	4 66	1,430 62	9.6
Varnish makers' helper	1	305	2 00	610 00	9
Watchmen	2	297	1 50	445 50	11
PICKLES, PRESERVES AND SAUCES—2 ESTABLISHMENTS.					
Engineer	1	306	2 50	765 00	10
Foreman	1	156	2 50	390 00	9
Laborers	27	294	1 50	441 00	9.5
Processor	1	306	3 33	1,018 98	10
PRINTING AND BINDING—19 ESTABLISHMENTS.					
Apprentices	11	309	60	185 40	9.4
Binders	24	289	2 57	742 73	9.1
Boxmakers	3	280	1 45	261 00	8.5
Compositors	77	298	2 82	840 36	9
Cutters	2	302	1 50	453 00	9
Driver	1	306	1 75	535 50	9
Engravers	3	306	5 00	1,530 00	9
Errand boys	7	305	62	189 10	9
Finisher	1	308	3 00	924 00	9
Folders	4	150	90	135 00	9
Foremen	2	308	3 00	924 00	9.5
Forwarders	4	308	2 75	847 00	9
Helpers	3	325	1 66	539 50	9
Janitor	1	306	1 75	535 50	9
Laborer	1	299	1 00	299 00	9
Machine operator	1	308	2 25	693 00	10
Photographers	3	306	2 50	765 00	9
Press boy	1	313	1 35	422 55	9
Pressfeeders	27	282	1 58	445 56	8.9
Pressmen	16	280	2 82	789 60	9
Proofreader	1	306	3 00	918 00	9
Rulers	2	308	2 75	847 00	9
Shipper	1	308	1 35	415 80	10
Watchman	1	308	1 50	462 00	10
Woodworker	1	308	2 25	693 00	10
SASH, DOORS, LUMBER AND INTERIOR FINISH—13 ESTABLISHMENTS.					
Carpenters	56	295	2 18	638 75	10
Craters	2	300	1 25	375 00	10
Electrician	1	300	2 12	636 00	10
Engineers	7	294	2 27	667 38	10
Firemen	2	280	1 25	350 00	10
Foremen	8	285	2 58	735 30	10
Glaziers	4	290	1 77	513 30	10
Helpers	35	269	1 05	282 45	10
Inspector	1	300	2 00	600 00	10
Laborers	99	280	1 37	383 60	9.5
Laborers (boys)	2	307	82	251 74	10
Loaders	4	260	1 50	390 00	10
Machine men	110	290	1 95	565 50	9.5
Machine men's helpers	6	300	75	225 00	10
Painters	4	300	1 87	561 00	10
Shippers	3	273	1 96	535 08	10
Sorter	1	260	2 10	546 00	10
Stair builders	2	303	2 57	778 71	10
Teamsters	20	279	1 55	432 45	10
Turners	5	236	2 19	516 84	10
Veneerers	2	300	2 12	636 00	10
Warehouse men	3	305	2 00	610 00	10
Watchmen	3	302	1 48	446 96	10.6
Yardman	1	300	1 50	450 00	10

TABLE IV*e*—MANUFACTURES—TOLEDO—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
SOAP, CANDLES AND TALLOW—2 ESTABLISHMENTS.					
Boiler	1	306	$2 50	$765 00	10
Cutter	1	306	1 50	459 00	10
Engineer	1	306	1 58	483 48	10
Foreman	1	313	1 66	519 58	10
Kettle man	1	313	1 83	572 79	10
Laborers	4	306	1 00	306 00	10
Shipper	1	306	1 42	434 52	10
Wrappers	3	313	58	181 54	10
SODA AND MINERAL WATERS—2 ESTABLISHMENTS.					
Bottlers	3	308	2 00	616 00	8
Bottle washers	5	310	1 16	359 60	8.8
Drivers	11	309	1 84	568 56	8.6
Foreman	1	313	3 33	1,042 29	10
Hostlers	2	309	1 70	525 30	8.5
Packer	1	306	1 50	459 00	7
STEEL, IRON AND TIN—3 ESTABLISHMENTS.					
Blacksmiths	3	248	2 66	659 68	10
Blacksmiths' helpers	2	240	1 65	396 00	10
Boilermaker	1	264	2 75	726 00	10
Bushelers	18	240	4 50	1,080 00	8
Bushelers' helpers	18	240	4 50	1,080 00	8
Carpenters	4	258	2 25	580 50	10
Chemists	3	264	2 98	786 72	10
Cinder men	2	264	1 75	462 00	12
Clay man	1	264	1 50	396 00	10
Cranemen	2	264	2 00	528 00	12
Electricians	3	264	3 22	850 08	12
Engineers	15	252	2 24	564 48	12
Firemen	35	242	1 87	452 54	10
Flangers	6	306	2 25	679 50	10
Foremen	2	264	1 75	462 00	10
Heaters	7	240	5 00	1,200 00	9
Heaters' helpers	7	240	3 00	720 00	9
Helpers	14	264	2 08	549 12	12
Iron carriers	14	264	2 50	660 00	12
Laborers	474	249	1 47	366 03	10
Machinists	11	244	2 06	502 64	10
Master mechanics	2	264	5 65	1,491 60	10
Oilers	7	264	2 07	546 48	11
Operators	4	264	3 07	810 48	11
Pipe fitters	2	264	230	607 20	10
Puddlers	10	240	4 00	960 00	9
Puddlers' helpers	10	240	4 00	960 00	9
Riggers	11	264	2 19	578 16	11
Riggers' helpers	8	264	2 20	580 80	11
Rod man	1	264	1 50	396 00	10
Rollers	7	240	7 00	1,680 00	9
Roll hands	34	240	2 50	600 00	10
Roll turner	17	240	5 00	1,200 00	10
Roughers	18	240	5 00	1,200 00	9
Rundowns	57	240	3 00	720 00	9
Scale car men	2	264	2 20	580 80	12
Scrappers	4	264	1 65	435 60	12
Shippers	2	264	3 85	1,016 40	10
Stove men	2	264	2 00	528 00	12
Switchman	1	240	2 00	480 00	10
Trackman	1	240	1 50	360 00	10
Watchman	2	264	2 00	528 00	12
Water tenders	2	264	2 00	528 00	12
STENCILS, STAMPS AND SEALS—3 ESTABLISHMENTS.					
Compositor	1	306	90	275 40	7
Laborers	2	300	1 50	450 00	9.5
Metal workers	2	300	3 00	900 00	9.5
Stamp makers	5	304	2 37	720 48	9.2

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
STONE (CUT, SAWED AND ARTIFICIAL)—2 ESTABLISHMENTS.					
Bricklayers	4	300	$2 50	$750 00	10
Carpenters	3	300	2 70	810 00	9
Finishers	3	300	3 25	975 00	9
Helpers	2	300	1 50	450 00	10
Laborers	20	300	1 75	525 00	9
Stonecutter	1	300	3 00	900 00	10
STOVES, RANGES AND FURNACES—3 ESTABLISHMENTS.					
Assemblers	5	310	1 50	465 00	9
Driver	1	310	1 50	465 00	9
Foreman	1	310	3 00	930 00	9
Helpers	10	200	1 60	320 00	10
Laborers	20	300	1 35	405 00	10
Machinists	20	200	2 60	520 00	10
Moulders	42	271	2 03	550 13	10
Mounters	6	300	1 60	480 00	10
Patternmaker	1	310	3 00	930 00	9
Plater	1	310	2 50	775 00	9
Polishers	4	300	1 85	555 00	10
Shipping clerk	1	310	1 66	514 60	9
Tinner	1	310	2 00	620 00	9
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—14 ESTABLISHMENTS.					
Blacksmith	1	299	2 25	672 75	10
Carpenters	2	299	2 63	786 37	10
Cornice makers	4	300	2 50	750 00	8
Craters	2	306	1 35	413 00	9
Electrician	1	299	2 00	598 00	10
Engineer	1	299	2 33	690 67	10
Foremen	12	299	2 74	819 26	10
Galvanizers	31	299	1 63	487 37	10
Helpers	20	297	1 18	350 46	9.5
Laborers	170	298	1 18	351 64	9
Machine hands	20	299	1 44	430 56	10
Machinists	17	296	2 77	819 92	10
Plumber	1	299	2 25	672 75	10
Pressmen	36	301	1 51	454 51	9.6
Riveters	6	299	1 74	520 26	10
Roofers	2	300	2 50	750 00	8
Sawyers	2	299	1 96	586 04	10
Shearers	5	299	1 74	520 26	10
Sheet metal workers	22	303	2 22	672 66	9
Shipping clerks	4	302	1 93	582 86	9.5
Solderers	11	298	1 55	461 90	10
Stock clerks	3	299	1 76	526 24	10
Teamsters	4	303	1 56	472 68	9.5
Tinners	77	298	2 32	691 36	9
Watchmen	2	299	1 75	523 25	10
TOOLS—3 ESTABLISHMENTS.					
Grinder	1	300	1 80	540 00	9
Helpers	8	278	1 73	480 94	9 8
Laborers (boys)	4	300	75	225 00	9
Sawmakers	3	275	2 50	687 50	10
WIRE RODS, WIRE CLOTH AND WIRE GOODS—2 ESTABLISHMENTS					
Carpenters	10	300	1 75	525 00	10
Gate and fence builders	2	230	1 50	345 00	10
Iron workers	6	300	2 00	600 00	10
Machinist	1	230	1 10	253 00	9
Stay hanger	1	230	75	172 50	9
Wireworkers	6	300	2 00	600 00	10

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

MISCELLANEOUS—19 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentices	4	300	$1 12	$336 00	9
Assemblers	12	284	2 20	624 80	10
Beltmaker	1	275	2 00	550 00	9.5
Boxmakers	5	290	1 90	551 00	9.8
Carpet layers	2	300	2 00	600 00	9
Caser	1	300	1 50	450 00	8
Cooper	1	300	3 00	900 00	8
Cutters	12	290	1 63	472 70	9.7
Doormaker	1	225	1 50	337 50	9
Drill press hand	1	225	1 00	225 00	9
Dryer	1	300	2 50	750 00	8
Engineers	3	185	2 33	430 05	9.7
Engraver	1	300	2 15	645 00	10
Engraver's helpers	3	300	1 75	525 00	10
Finishers	6	242	2 25	543 50	10
Fitters	8	284	2 35	667 40	10
Firemen	4	307	1 74	534 18	10
Foremen	3	280	3 03	848 40	9.3
Farmers	7	275	1 50	412 50	10
Fresco painter	1	300	3 25	975 00	8
Gilders	8	275	2 00	550 00	10
Gun stockers	4	284	3 00	852 00	10
Harness maker	1	306	1 75	535 50	10
Helpers	10	300	1 02	306 00	9.2
Instrument makers	4	300	2 00	600 00	10
Laborers	62	297	1 65	490 05	9.8
Laborers' (boys)	7	300	1 00	300 00	10
Machine hands	38	280	1 83	512 40	9.8
Machinists	26	285	2 02	575 70	10
Mechanics	4	310	2 30	713 00	10
Packers and helpers	14	306	1 35	413 10	10
Painters	7	279	2 50	697 50	9.7
Paperhangers	5	300	2 75	825 00	10
Patternmakers	6	300	3 00	900 00	10
Polishers	20	277	2 02	559 54	10
Pressman	1	300	2 50	750 00	10
Pumpmakers	20	300	1 60	480 00	10
Roasters	6	310	2 25	697 50	10
Spice department hands	10	310	1 65	511 50	10
Teamsters	2	300	1 50	450 00	9
Telescope makers	2	306	2 00	612 00	10
Trunk makers	44	306	2 25	688 50	10
Weavers	2	300	1 50	450 00	9

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.					
Cutters	3	306	$1 20	$367 20	10
Machine operators	42	305	1 00	305 00	10
BATH CABINETS—2 ESTABLISHMENTS.					
Cabinetmakers	3	252	1 25	315 00	9
Laborers	5	300	60	180 00	9.5
Machine hands	9	300	1 25	375 00	9.5
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—3 ESTABLISHMENTS.					
Labelers	20	261	70	182 70	8
Painters	12	272	1 00	272 00	10
Press hand	1	261	1 00	261 00	9
Sewers	10	289	1 00	289 00	10
Stockkeeper	1	272	1 00	272 00	10
Upholsterers	12	289	1 00	289 00	10
BOXES (PAPER)—3 ESTABLISHMENTS.					
Boxmakers	44	305	58	182 70	4.7
BOXES (WOODEN)..2 ESTABLISHMENTS.					
Boxmakers	6	306	95	290 70	9.5
Woodworkers	2	306	90	275 40	9
BREAD AND OTHER BAKERY PRODUCTS—5 ESTABLISHMENTS.					
Icers	12	277	78	216 06	9
Packers	131	275	85	233 75	8.7
Shippers	2	295	1 25	368 75	9
Wrappers	3	172	65	111 80	4
BROOMS AND BRUSHES—3 ESTABLISHMENTS.					
Basket makers	64	275	77	211 75	9
Brush makers	20	200	1 00	200 00	10
Sewing machine girl	1	300	1 00	300 00	10
CARRIAGES AND WAGONS—1 ESTABLISHMENT.					
Machine operators	2	301	1 00	301 00	10
CARRIAGE AND WAGON MATERIAL—1 ESTABLISHMENT.					
Sewing machine operators	3	305	$1 00	$305 00	10
CIGARS—5 ESTABLISHMENTS.					
Cigarmakers	4	303	1 93	584 79	8.7
Packers	2	280	1 32	369 60	7.5
Strippers	4	300	56	168 00	7.2
CLOTHING—29 ESTABLISHMENTS.					
Button sewers	5	290	50	145 00	9.5
Cutters	2	300	1 00	300 00	8
Errand girls	3	300	56	168 00	8
Examiners	5	284	56	159 04	9.5
Finishers	2	275	1 00	275 00	9
Forewomen	17	295	1 45	427 75	8.5
Hand sewers	7	275	1 00	275 00	8
Helpers	4	291	62	180 42	9.7
Machine operators	388	287	92	264 04	8 8
Pressers	17	292	1 03	300 76	8.9
Seamstresses	18	290	90	261 00	9

TABLE IVe—MANUFACTURES—TOLEDO—Continued.

CLOTHING—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Stock girls	5	290	$0 90	$261 00	9.5
Tailoresses	152	250	1 49	372 50	9
Trimmers	3	290	60	174 00	9.5
Trouser makers	5	298	1 06	315 88	9.2
Vestmakers	13	298	1 30	387 40	9.5
CONFECTIONERY—3 ESTABLISHMENTS.					
Candymakers	70	305	80	244 00	9.5
Stockkeeper	1	308	1 00	308 00	9
Wrappers	5	308	70	215 60	9
COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—3 ESTABLISHMENTS.					
Finishers	21	291	86	250 26	8.5
Knitters	152	290	94	272 60	9.3
Machine operators	5	298	1 00	298 00	9
Winders	7	298	50	149 00	9
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—5 ESTABLISHMENTS.					
Assemblers	6	300	70	210 00	9
Helper	1	365	60	219 00	8
Packers	2	308	1 00	308 00	8
Wrappers	11	294	86	252 84	8.9
ELECTRICAL GOODS AND SUPPLIES—2 ESTABLISHMENTS.					
Assemblers	23	253	1 50	379 50	9
Lacquerers	3	307	1 00	307 00	9
Press hands	6	253	1 50	379 50	9
EXTRACTS, TOILET ARTICLES AND PERFUMERY—2 ESTABLISHMENTS.					
Forewoman	1	308	1 00	308 00	9
Labelers	2	154	58	89 32	4.5
FOUNDRY AND MACHINE SHOP PRODUCTS—2 ESTABLISHMENTS.					
Laborers	14	285	50	142 50	10
Painters	12	300	80	240 00	10
FURNITURE—4 ESTABLISHMENTS.					
Cutters	8	280	84	235 20	9.5
Fringe makers	2	275	1 00	275 00	9
Sewers	6	295	1 00	295 00	10
GLASS AND GLASSWARE—2 ESTABLISHMENTS.					
Acid room helpers	7	220	66	145 20	10
Crackers-off	6	220	1 00	220 00	10
Glaziers	5	220	1 50	330 00	10
Grinders	5	220	66	145 20	10
Packers and shippers	87	232	73	169 36	10
Paperers	20	220	60	132 00	10
Selectors' helpers	14	220	66	145 20	10
Stampers	6	220	66	145 20	10
HATS, CAPS AND FURNISHINGS—1 ESTABLISHMENT.					
Machine operators	4	300	1 50	450 00	9
Trimmer	1	300	75	225 00	9
MACHINERY—1 ESTABLISHMENT.					
Janitrix	1	300	66	198 00	3

TABLE IVe—MANUFACTURES—TOLEDO—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
MATTRESSES AND PILLOWS—2 ESTABLISHMENTS.					
Finishers	2	312	$1 58	$492 96	10
Seamstresses	6	312	1 18	368 16	10
Weaver	1	312	1 00	312 00	8
PAINTS AND VARNISHES—1 ESTABLISHMENT.					
Labeler	1	309	1 00	309 00	10
PICKLES, PRESERVES AND SAUCES—2 ESTABLISHMENTS.					
Laborers	18	281	70	196 70	9.8
PRINTING AND BINDING—10 ESTABLISHMENTS.					
Binders	31	297	89	264 33	8.8
Boxmakers	10	280	84	235 20	8.5
Compositor	1	306	1 00	306 00	9
Coverers	2	308	75	231 00	9
Die stampers	6	306	1 00	306 00	9
Folder	1	300	1 00	300 00	9
Labelers	12	308	50	154 00	10
Laborers	11	303	67	203 01	9
Pressfeeders	4	306	60	183 60	9
Proofreader	1	306	2 40	734 40	9
Stitchers	4	308	71	218 68	9.5
SOAP, CANDLES AND TALLOW—2 ESTABLISHMENTS.					
Laborers	6	306	40	122 40	10
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE.—1 ESTABLISHMENT.					
Galvanizers	5	299	97	290 03	10
Helpers	31	299	74	221 26	10
Machine operator	1	299	90	269 10	10
Packers	10	299	1 00	299 00	10
Press operators	28	299	96	287 04	10
Riveters	2	299	1 04	310 96	10
Solderers	9	299	78	233 22	10
Stock clerk	1	299	1 00	299 00	10
MISCELLANEOUS—8 ESTABLISHMENTS.					
Advertising department hands	102	310	1 00	310 00	9
Carpet sewer	1	300	1 00	300 00	9
Gilders	10	275	1 00	275 00	10
Glovemakers	84	288	71	204 48	10
Laborers	7	300	74	222 00	10
Packers	42	303	1 01	306 03	8.3
Sorters	5	300	60	180 00	8
Spice department hands	16	310	1 05	325 50	9
Strippers	5	300	50	150 00	8
Telescope makers	12	306	75	229 50	9
Trunkmakers	4	306	75	229 50	9
Wrappers	18	264	70	184 80	8.5

TABLE IV*ee*—MANUFACTURES—TOLEDO.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Agricultural implements	Cupola tender	1	14.5	.....
" " "	Engineer	1	42.5	.....
Awnings, tents and flags	Awning maker	1	5	.....
" " "	Carpenter	1	5	.....
" " "	Foreman	1	5	.....
" " "	Laborers	2	5	.....
" " "	Painter	1	5	.....
" " "	Shipping clerk	1	5	.....
Bicycles, bicycle sundries and autos	Assemblers	103	3	.....
" " "	Blacksmiths	23	3	.....
" " "	Clerks	36	3	.....
" " "	Draughtsmen	6	3	.....
" " "	Engineers	7	3	.....
" " "	Filers	58	3	.....
" " "	Inspectors	15	3	.....
" " "	Laborers	65	3	.....
" " "	Machinists	166	3	.....
" " "	Moulders	30	3	.....
" " "	Painters	120	3	.....
" " "	Platers	21	3	.....
" " "	Shippers	6	3	.....
" " "	Testers	20	3	.....
" " "	Tinners	25	3	.....
" " "	Toolmakers	46	3	.....
" " "	Trimmers	37	3	.....
" " "	Woodworkers	42	3	.....
Boxes (paper)	Boxmakers	5	10	.....
Brick and tile	Bankmen	5	9.6	.....
" "	Dumper	1	8 5	.....
" "	Engineer	1	6.3	.....
" "	Laborers (boys)	5	17.6	.....
" "	Moulder	1	.....	5
" "	Racker	1	9.6	.....
" "	Setter	1	5.8	.....
" "	Teamsters	2	8.8	.....
" "	Tenders	2	6.3	.....
" "	Truckers	3	9.6	.....
" "	Wheelers	4	4.9	.....
" "	Yardmen	6	9.3	.....
Brooms and brushes	Shipper	1	.....	25
Carriages and wagons	Blacksmiths	2	1	.....
" "	Blacksmiths' helpers	4	1	.....
" "	Painters	4	1	.....
" "	Woodworker	1	12.5	.....
Clothing	Coatmakers	6	15	.....
"	Trouser maker	1	10	.....
Dairy products	Drivers	8	8.5	.....
Flouring mill products	Elevator men	5	.....	4
" "	Engineer	2	.....	20
" "	Engineer	1	25	.....
" "	Firemen	2	6	.....
" "	Laborers	7	.....	4
" "	Millers	2	.....	4
" "	Millwrights	2	.....	7
" "	Oilers	2	5	.....
" "	Packers	4	5.4	.....
" "	Roll tenders	2	5.5	.....
" "	Sweepers	2	9	.....
Foundry and machine shop products	Coremakers	50	.....	9
" " "	Furnace men	20	.....	7.5
" " "	Laborers	355	.....	12.3
" " "	Laborers	21	25.2	.....
" " "	Machinists	14	.....	1.5
" " "	Moulders	164	.....	11.5
Furniture	Apprentices	5	12	.....
"	Cabinetmakers	4	5	.....
"	Carvers	3	10	.....
"	Draughtsman	1	10	.....
"	Finishers	2	7.5	.....
"	Finishers	13	.....	4
"	Foremen	2	10	.....
"	Machine hands	11	6	.....

TABLE IV*ee*—MANUFACTURES—TOLEDO—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Furniture	Packers	7	2	.....
"	Shippers	6	7.5	.....
"	Teamsters	3	7.5	.....
"	Upholsterers	14	7.5	.....
"	Woodworkers	6	7.5	.....
Iron (structural and architectural)	Blacksmiths	12	.....	10
" " "	Bridgeworkers	269	.....	10
" " "	Machinists	1	22	.....
" " "	Machinists	21	.....	10
" " "	Patternmakers	2	38	.....
" " "	Wireworkers	7	6	.....
Lime, sand, cement and plaster	Foreman	1	15.5	.....
" " "	Laborers	4	12.5	.....
Lithographing, eng. and electrotyping	Electrotyper's helper	1	25	.....
" " "	Finisher's helper	1	11.1	.....
Marble and granite	Cutters	4	2	.....
Oil and grease	Car repairers	4	5	.....
" "	Engineers	2	7	.....
" "	Firemen	3	5	.....
" "	Laborers	15	5	.....
" "	Moulders	8	.....	6
" "	Pipe fitters	8	7.5	.....
" "	Pressmen	4	.....	7
" "	Trimmers	2	.....	6
Paints and varnishes	Compounder	1	20	.....
" "	Tinter	1	20	.....
" "	Varnish maker	1	10	.....
" "	Varnish maker's helper	1	10	.....
Printing and binding	Apprentices	8	17.5	.....
" "	Binder	5	20	.....
" "	Compositor	1	20	.....
" "	Feeders	3	15	.....
" "	Foreman	1	20	.....
" "	Machine operator	1	20	.....
" "	Shipper	1	20	.....
" "	Watchman	1	20	.....
" "	Woodworker	1	20	.....
Sash, doors, lumber and interior finish	Carpenters	5	12	.....
" " "	Engineer	1	10	.....
" " "	Fireman	1	5	.....
" " "	Glazier	1	5	.....
" " "	Laborers	28	9.4	.....
" " "	Machine hands	27	6.2	.....
" " "	Painters	4	8	.....
" " "	Teamsters	3	10	.....
" " "	Veneerers	2	12	.....
Steel, iron and tin	Bushelers	18	.....	12.7
" "	Bushelers' helpers	18	.....	12.7
" "	Carriers	14	.....	25
" "	Cinder men	2	.....	20
" "	Clay man	1	.....	10
" "	Crane operators	2	.....	10
" "	Engineers	6	.....	13.3
" "	Firemen	4	.....	15
" "	Heaters	7	.....	10
" "	Heaters' helpers	7	.....	10
" "	Helpers	14	.....	10
" "	Laborers	100	.....	10
" "	Machinists	2	.....	8
" "	Oilers	4	.....	15
" "	Operators	6	.....	7
" "	Puddlers	10	.....	6.7
" "	Puddlers' helpers	10	.....	6.7
" "	Rodman	1	.....	10
" "	Rollers	7	.....	13.5
" "	Roughers	18	.....	8.5
" "	Run downs	5	.....	10
" "	Scale car operators	2	.....	10
" "	Scrappers	4	.....	10
" "	Stove tender	2	.....	15
" "	Unloader	1	.....	20
" "	Watchmen	2	.....	10

TABLE IV*ee*—MANUFACTURES—TOLEDO—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Stencils, stamps and seals	Stamp makers	3	.....	5
Stoves, ranges and furnaces	Foreman	1	10	.....
Tinware, sheet-iron and galvanized-iron ware	Tinners	10	5	.....
Wire rods, wire cloth and wire goods	Fence makers	2	.....	25
Miscellaneous	Apprentices	2	10	.....
"	Carpet layers	2	5	.....
"	Instrument makers	4	10	.....
"	Machinist	1	10	.....
"	Pumpmakers	20	7	.....
"	Weavers	2	5	.....
Totals and averages		1,188	4.7	.....
		1,228	.....	10.8

TABLE IV*ee*—MANUFACTURES—TOLEDO—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Awnings, tents and flags	Cutters	3	4	.....
" " "	Machine operators	11	4	.....
Boxes (paper)	Boxmakers	22	5	.....
Bread and other bakery products	Icers	10	10	.....
" " "	Packers	33	10	.....
Clothing	Machine operators	16	20	.....
"	Vestmaker	1	10	.....
Extracts, toilet articles and perfumery	Labeler	1	10	.....
Furniture	Sewers	5	.....	2.5
"	Sewers	3	7.5	.....
Hats, caps and furnishings	Machine operators	4	25	.....
Printing and binding	Labeler	12	20	.....
" "	Proofreader	1	15	.....
" "	Stitcher	1	20	.....
Totals and averages		118	11.3	.....
		5	.....	2.5

TABLE IVf—MANUFACTURES—CITIES—Continued.

ADVERTISING NOVELTIES AND SIGNS—10 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentice	1	308	$0 87	$267 96	10
Artists	29	300	4 73	1,419 00	8.3
Bender	1	305	2 00	610 00	9
Carpenters	9	269	1 50	403 50	9
Cutters	10	290	1 55	449 50	9.1
Designer	1	308	1 75	539 00	10
Die pressmen	6	290	1 25	362 50	9
Draughtsmen	2	140	2 00	280 00	9
Engineers	2	298	1 75	521 50	10
Engraver	1	290	3 00	870 00	10
Etcher	1	305	1 66	506 30	9
Feeders	11	290	1 36	394 40	9.5
Foremen	2	302	2 25	679 50	9.5
Framers	2	305	2 50	762 50	9
Helpers	29	291	1 00	291 00	9
Janitor	1	104	1 25	130 00	9
Laborers	42	292	1 47	429 24	9.4
Laborers (boys)	10	308	50	154 00	10
Leather workers	23	294	1 71	502 74	9
Lathe department hands	2	290	4 20	1,218 00	10
Lithographers	24	290	4 50	1,305 00	8
Mechanic	1	104	1 50	156 00	9
Metal workers	34	290	1 75	507 50	9
Packers	2	306	1 63	498 78	9.5
Painters	2	104	1 25	130 00	9
Paste room hand	1	300	2 50	750 00	10
Pressfeeders	9	300	1 07	321 00	9.3
Pressmen	11	293	3 52	1,031 36	9.3
Printers	18	278	2 06	574 08	9.9
Rulemakers	3	296	1 20	355 20	9
Shippers	9	276	1 55	427 80	9.3
Signmakers	110	297	1 64	487 08	9
Stencilmakers	10	297	1 47	436 59	9.3
Stockkeepers	3	299	1 43	425 57	9.7
Stone grinders	6	290	1 50	435 00	9
Tinners	30	297	1 50	445 50	9
Transferers	6	290	4 63	1,342 70	9
Watchmen	5	298	1 53	455 94	11.6
Woodworkers	37	297	1 49	442 53	9

AGRICULTURAL IMPLEMENTS—31 ESTABLISHMENTS.

Apprentices	6	276	1 08	298 08	10
Assemblers	16	260	1 75	455 00	9
Ballers	10	240	1 50	360 00	10
Bench hands	30	273	2 15	586 95	10
Blacksmiths	233	290	2 00	580 00	9.8
Blacksmiths' helpers	9	243	1 65	400 95	9.1
Boilermakers	51	296	1 64	485 44	9.9
Carpenters	69	282	1 66	468 12	9
Chippers	8	308	1 75	539 00	10
Coal handlers	5	304	1 48	449 92	8
Coremakers	40	297	1 87	555 39	9.9
Cupola tenders	5	269	1 83	492 27	10
Draughtsmen	3	271	3 27	886 17	10
Drill hands	24	274	1 42	389 08	9.4
Engineers	12	274	2 11	578 14	9.8
Erectors	157	303	1 73	524 19	9.5
Firemen	2	240	1 60	384 00	10
Fitters	10	275	2 15	591 25	9.7
Floor hands	15	308	2 90	893 20	10
Foremen	10	260	2 90	754 00	9
Forge hands	10	294	3 00	882 00	8
Foundry men	30	302	2 24	676 48	10
Gas house man	1	294	3 00	882 00	12
Grinders	23	272	2 06	560 32	9.7
Helpers	82	288	1 51	434 88	9.4
Ironworkers	23	260	2 03	527 80	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

AGRICULTURAL IMPLEMENTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Laboratory hands	3	300	$2 67	$801 00	9
Laborers	1,053	292	1 54	449 68	9.8
Laborers (boys)	7	300	90	270 00	10
Lathe hands	4	308	1 70	523 60	10
Lumber handlers	20	304	1 48	449 92	8
Machine hands	358	300	1 87	561 00	9.9
Machinists	377	291	1 88	547 08	9.6
Mechanic	1	306	1 66	507 96	10
Metal workers	3	309	2 00	618 00	10
Moulders	493	285	2 58	735 30	9.5
Moulders' helpers	15	258	1 64	423 12	10
Packers	4	290	1 50	435 00	10
Painters	177	289	1 87	540 43	9.5
Patternmakers	58	296	2 49	737 04	9.8
Polishers	17	285	2 18	621 30	9
Preparers	30	240	1 25	300 00	10
Pressmen	10	294	2 00	588 00	9
Rakemakers	10	304	1 48	449 92	8
Setters up	43	304	1 56	474 24	9.3
Shippers	16	240	1 75	420 00	9
Spinners	12	240	1 45	348 00	10
Stock openers	6	240	1 50	360 00	10
Teamsters	7	281	1 48	415 88	9.7
Tinners	29	292	1 73	505 16	9.2
Toolmaker	1	308	2 50	770 00	10
Vise hands	10	296	2 16	639 36	9
Warehouseman	1	308	2 00	616 00	10
Watchmen	8	280	1 71	478 80	10.2
Wheelmakers	3	309	2 60	703 40	10
Wood turners	1	290	2 25	652 50	10
Woodworkers	273	288	1 88	541 44	9.4
AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.					
Awning hanger	1	302	1 70	513 40	8.5
Laborers	9	277	1 83	506 91	9.7
BASKETS—2 ESTABLISHMENTS.					
Basketmakers	10	131	1 70	222 70	8.8
Boxmakers	6	205	60	123 00	10
Engineer	1	82	1 75	143 50	9
Helpers	17	198	75	148 50	10
Machine hands	2	82	1 75	143 50	9
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—14 ESTABLISHMENTS.					
Assemblers	40	303	1 80	545 40	10
Assemblers (boys)	10	300	1 00	300 00	10
Bagmakers	11	307	1 75	537 25	10
Ballmakers	8	297	1 75	519 75	10
Blacksmiths	7	211	2 46	519 06	9.8
Brazers	3	297	2 00	594 00	10
Buffers	7	307	2 25	690 75	10
Clubmakers	3	297	2 75	816 75	10
Craters	3	301	1 66	499 66	10
Drillers	8	307	1 65	506 55	10
Enamelers	10	301	1 90	571 90	10
Engineers	2	307	2 25	690 75	10
Filers	4	297	2 25	668 25	10
Finishers	5	297	2 00	594 00	10
Foremen	5	300	3 00	900 00	10
Frame department hands	28	301	1 66	499 66	10
Furnace hands	3	301	1 83	550 83	10
Hairworkers	2	307	2 00	614 00	10
Helpers	11	151	1 25	188 75	9.8
Inspectors	3	301	2 16	650 16	10
Laborers	50	275	1 71	370 25	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Leather workers	33	281	$1 80	$505 80	10
Machine hands	25	301	1 61	484 61	10
Machinists	98	260	2 46	639 60	10
Packers	4	307	1 80	552 60	10
Painters	2	120	2 50	300 00	10
Platers	25	302	2 60	785 20	10
Plumbers	9	200	3 22	644 00	9
Polishers	20	305	2 35	716 75	10
Pressmen	12	307	1 75	537 25	10
Receivers	2	301	1 41	424 41	10
Repairers	2	302	1 52	459 04	10
Shipper	1	297	2 75	816 75	10
Spring makers	5	307	1 75	537 25	10
Stock hands	4	303	1 76	533 28	10
Toolmakers	23	305	2 95	899 75	10
Trimmer	1	120	2 75	330 00	10
Watchmen	6	272	1 82	495 04	11
Wheelmakers	6	299	1 79	535 21	10
Woodworkers	30	260	2 32	603 20	10

BILLIARD TABLES, BAR AND STORE FIXTURES—3 ESTABLISHMENTS.

Bench men	10	290	1 60	464 00	10
Cabinetmakers	13	300	2 03	609 00	9
Engineer	1	300	2 03	609 00	10
Finishers	4	300	2 03	609 00	9
Laborers	16	295	1 40	413 00	10
Machine hands	22	298	1 91	539 38	9.5
Platers	3	306	1 80	550 80	10
Teamster	1	300	1 65	495 00	10
Varnishers	7	290	1 50	435 00	10
Watchman	1	300	1 75	525 00	10

BOILERS, ENGINES AND TANKS—63 ESTABLISHMENTS.

Apprentices	117	300	1 10	330 00	10
Bench hands	7	280	1 62	453 60	9
Blacksmiths	107	295	2 51	740 45	9.5
Blacksmiths' helpers	48	303	1 81	548 43	9.6
Boilermakers	317	295	2 31	681 45	9.6
Boilermakers' helpers	260	295	1 63	480 85	9.3
Carpenters	102	296	2 43	719 28	9.5
Chippers	12	308	1 83	563 64	9.2
Coremakers	59	300	2 17	651 00	9.7
Crane men	13	298	1 74	518 52	10
Cupola tenders	15	302	2 16	652 32	9.6
Draughtsmen	52	300	2 54	762 00	9.4
Drawing department hands	4	300	2 35	715 00	9
Drill hands	4	302	1 51	456 02	10
Electricians	4	299	2 45	732 55	9.2
Engine builders	82	307	2 30	706 10	10
Engineers	24	295	2 25	663 75	10.3
Erectors	147	297	2 03	602 91	10
Experimental department hands	3	300	2 67	801 00	10
Finishers	11	307	2 25	690 75	10
Firemen	8	299	1 72	514 18	10.5
Flanger	1	280	2 75	770 00	9
Flanger's helpers	2	280	1 75	490 00	9
Foremen	20	300	3 78	1,134 00	9.8
Foundrymen	272	292	2 19	639 48	9.7
Handy men	11	302	1 91	575 82	10
Heaters	5	268	1 15	308 20	9
Helpers	35	299	1 65	493 35	9.4
Laborers	818	304	1 56	474 24	9.9
Laborers (boys)	2	300	1 25	375 00	9
Layer-out	1	280	3 00	840 00	9
Machine hands	159	297	1 96	582 12	9.7

TABLE IVf—MANUFACTURES—CITIES—Continued.

BOILERS, ENGINES AND TANKS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machinists	920	300	$2 50	$750 00	9.8
Machinists' apprentices	31	307	1 16	356 12	9
Machinists' helpers	31	306	1 52	465 12	9.5
Mechanics	4	310	1 50	465 00	10
Mechanical engineer	1	304	3 75	1,140 00	10
Moulders	470	304	2 57	781 28	9.7
Moulders' apprentices	11	304	1 25	380 00	9.
Moulders' helpers	81	304	1 56	474 24	29.4
Painters	62	295	1 97	581 15	9.7
Patternmakers	116	301	2 56	770 56	9.8
Patternmakers' helpers	4	305	1 08	329 40	9
Piano plate department hands	131	291	1 90	552 90	9
Pipefitters	4	305	1 64	510 20	10
Polishers	5	299	2 50	747 50	10
Rivet heaters	7	299	1 46	436 54	9.7
Shippers	6	300	1 50	450 00	10
Stockkeepers	6	288	1 91	550 08	10.3
Strikers	2	284	1 65	468 60	10
Teamsters	3	303	1 67	506 01	10
Testers	5	298	2 00	596 00	9
Tinners	4	259	2 25	582 75	10
Toolmakers	11	286	2 72	777 92	9.3
Vise hands	9	303	2 10	636 30	10
Ware cleaners	2	302	1 50	453 00	9
Watchmen	15	298	1 60	476 80	11.5
Woodworkers	21	258	1 84	474 72	10
BOOTS AND SHOES—13 ESTABLISHMENTS.					
Bottomers	778	287	1 73	496 51	9.8
Bottomers' helpers	145	279	89	248 31	10
Cutters	436	289	1 63	471 07	9.5
Cutters (apprentices)	66	279	1 03	287 37	10
Engineers	2	295	2 00	590 00	10
Finishers	123	284	1 14	323 76	8.7
Fitters	59	296	1 42	420 32	8.9
Foremen	2	290	2 91	843 90	10
Laborers	91	284	1 53	434 52	9.7
Laborers (boys)	10	289	48	138 72	10
Lasters	199	290	1 95	565 50	9.1
Lasters (apprentices)	69	279	1 30	362 70	10
Machine hands	139	298	1 75	521 50	10
Machinists	2	295	2 16	637 20	10
Packers	43	300	1 07	321 00	8.5
Setter	1	275	1 25	343 75	10
Shippers	7	279	1 08	301 32	9.9
Sole leather department hands	90	282	1 49	420 18	10
Stock room hands	59	283	1 77	500 91	10
Stock room hands (apprentices)	76	279	1 04	290 16	10
Treers	34	275	1 39	382 25	10
Turn and welt room hands	64	279	2 21	616 59	10
Turn room hands (apprentices)	33	279	89	248 31	10
Watchman	1	290	1 33	385 70	10
BOXES (PAPER—7 ESTABLISHMENTS.					
Boxmakers	8	306	1 37	419 22	9.2
Cutters	5	301	1 85	556 85	10
Engineers	2	280	2 12	593 60	10
Fireman	1	310	1 50	465 00	10
Helpers	1	310	1 00	310 00	10
Machine hands	9	310	1 50	465 00	10
Packers	2	305	55	167 75	10
Printer	1	250	2 00	500 00	10
Scorer	1	305	1 20	366 00	10
Shipping clerk	1	250	2 12	530 00	10
Stockman	1	250	1 50	475 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

BOXES (WOODEN)—9 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Boxmakers	2	112	$1 25	$140 00	8
Engineers	2	306	1 60	489 60	10
Foremen	10	283	1 98	660 14	9.4
Laborers	13	252	1 45	365 40	10
Laborers (boys	60	272	85	231 20	9.3
Loaders	8	306	1 25	382 50	10
Loom men	4	306	1 50	459 00	10
Lumber pilers	7	306	1 25	382 50	10
Machine hands	13	279	1 58	440 82	9.2
Nailers	12	280	1 51	422 80	9.8
Painters	2	306	1 35	535 50	10
Planers	2	306	1 25	382 50	10
Printers	2	290	1 69	490 10	10
Saw filers	2	306	1 70	520 20	10
Sawyers	44	288	1 42	408 96	9.7
Tailors	21	306	70	214 20	10
Teamsters	10	295	1 41	415 95	10
Watchmen	2	306	1 42	434 52	12
Yard men	32	271	1 50	406 50	9
BREAD AND OTHER BAKERY PRODUCTS—118 ESTABLISHMENTS.					
Apprentices	12	292	86	251 12	9.4
Bakers	283	307	2 14	656 98	9.9
Bakers' helpers	30	316	1 40	442 40	9.7
Bench men	5	313	2 09	654 17	10
Boiler man	1	273	3 00	819 00	10
Boxmakers	5	282	1 74	490 68	10
Candymakers	2	302	2 25	679 50	10
Clerks	14	308	1 92	591 36	10
Coopers	4	302	1 74	525 48	10
Drivers	76	311	1 63	506 93	9.7
Engineers	6	308	2 04	628 32	11.3
Foremen	9	307	2 73	838 11	9.9
Headers and packers	13	292	1 50	438 00	10
Helpers	18	292	1 00	292 00	10
Hostlers	8	305	1 49	454 45	10
Ice cream makers	2	304	1 29	392 16	9.5
Icer	1	280	2 50	700 00	9
Janitor	1	365	2 00	730 00	10
Laborers (boys)	4	326	75	342 50	9.2
Machine man	1	273	2 00	546 00	10
Mixers	7	278	2 03	564 34	9.2
Nailers	2	273	1 37	414 01	10
Ovenmen	17	282	1 65	465 30	9.1
Peeler	1	273	1 25	341 25	10
Porters	2	280	1 98	554 40	10
Rollers	3	273	1 25	341 25	10
Shipping clerks	8	294	2 04	599 76	9.
Teamster	1	273	1 25	341 25	10 6
Truckmen	3	280	1 40	392 00	10
Waiters	2	365	2 00	730 00	10
Watchmen	2	276	1 50	414 00	12
BRICK AND TILE—106 ESTABLISHMENTS.					
Assorters	22	303	1 55	469 65	10
Blacksmiths	4	252	2 12	534 24	10
Blaster	1	200	1 60	320 00	10
Branchmaker	1	225	2 75	618 75	10
Brick handlers	8	154	1 44	221 76	10
Bricklayers	7	134	3 96	530 64	10
Brickmakers	414	208	1 61	334 88	9.6
Burners	129	245	1 89	463 05	11.1
Carmen	3	263	1 47	386 61	10
Carpenters	9	277	2 10	481 70	9.8
Carriers	2	200	1 50	300 00	10
Cart drivers	11	156	1 25	195 00	9.8

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

BRICK AND TILE—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Casers	3	86	$1 77	$152 22	8.7
Chemists	2	313	1 75	544 75	10
Clay miners	312	259	1 63	422 17	9.7
Clay workers	51	198	1 59	314 82	9.8
Coal miners	4	228	1 62	369 36	10
Coopers	6	303	2 20	666 60	10
Cutters	2	175	1 55	271 25	10
Decorators	5	305	1 99	606 90	10
Designers	8	304	2 64	802 56	10
Dippers	37	304	1 41	428 64	10
Drawers	85	300	2 01	603 00	10
Dryer	1	186	1 75	325 50	10
Dumpers	8	172	1 80	309 60	9.5
Edgers	2	82	75	61 50	9
Electrician	1	303	3 83	857 49	10
Engineers	91	226	2 10	474 60	10
Feeders	6	256	1 28	327 48	10
Firemen	62	259	1 73	448 07	10.4
Foremen	32	250	2 64	660 00	9.3
Gatherer	1	69	1 00	69 00	10
Giggermen	10	275	2 50	687 50	8
Gin hands	2	182	1 35	245 70	10
Grinders	26	282	2 11	593 02	9.9
Hackers	11	187	1 32	246 84	10
Helpers	8	223	1 14	254 22	10
Hodcarriers	5	66	2 00	132 00	10
Hostler	1	186	1 50	279 00	10
Jolliers	37	275	4 40	1,210 00	7.5
Junction makers	2	300	1 85	555 00	9.5
Kiln hands	63	258	1 73	446 34	9.9
Laborers	1,288	248	1 55	384 40	9.7
Laborers (boys)	19	231	82	189 42	9
Loaders	29	249	1 75	438 75	10
Machine hands	60	236	1 74	410 64	9.6
Machinists	13	272	2 58	701 76	10
Mosaic department hands	9	303	1 38	418 14	10
Moulders	50	247	1 80	444 60	9
Mouldmaker	1	275	1 75	481 25	10
Oilers	3	275	1 50	412 50	10
Offbearers	67	259	1 16	300 44	8.8
Packers	29	304	1 59	483 36	10
Pallett boys	3	86	65	55 90	8.7
Pan men	48	257	1 46	375 22	9.5
Pasters	3	305	1 50	457 50	10
Pitchers	3	288	1 75	504 00	10
Pit tenders	11	162	1 66	268 92	9.5
Preparers	9	305	1 50	457 50	10
Pressmen	90	295	1 64	483 80	9.8
Pug mill hands	7	180	1 63	293 40	9.4
Quarrymen	68	277	1 49	412 73	9.3
Repairers	12	280	1 77	495 60	8.7
Roofers	9	300	2 37	711 00	10
Sagger makers	9	305	2 09	637 45	10
Sanders	5	75	1 35	101 25	9.2
Screeners	2	139	1 00	139 00	10
Setters	190	251	1 89	474 39	9.8
Shalemen	21	268	1 52	407 36	10
Shippers	17	303	1 91	578 73	10
Shooters	4	219	1 90	476 10	10
Shovelers	27	260	1 52	395 20	10
Shipping department hands	35	280	1 64	459 20	10
Sorters	10	264	1 66	438 24	10
Stock hands	8	201	1 46	393 46	9.2
Strikers	3	91	1 92	174 72	9.2
Teamsters	52	207	1 94	401 58	10
Teamsters (with teams)	14	202	3 75	757 50	10
Temperers	13	127	1 74	220 98	9.8
Tilemakers	57	251	1 50	376 50	10
Timekeeper	1	291	1 85	538 35	10

TABLE IV—MANUFACTURES—CITIES—Continued.

BRICK AND TILE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Tossers	2	89	$2 00	$178 00	10
Transferers	2	185	1 55	286 75	10
Trimmers	6	300	1 63	489 00	9.7
Truckers	38	140	1 59	222 60	9.4
Turners	14	291	1 88	547 08	9.6
Warehouse men	30	277	1 51	418 27	10
Watchmen	10	260	1 67	434 20	11.8
Wheelers	194	240	1 63	391 20	9.6
Yard men	91	283	1 50	424 50	10
BROOMS AND BRUSHES—16 ESTABLISHMENTS.					
Broommakers	39	233	1 88	438 04	9.4
Brushmakers	40	288	2 00	576 00	10
Bunchers	3	245	1 03	252 35	10
Engineer	1	240	1 66	398 40	11
Foremen	3	267	2 75	734 25	10
Helpers	4	148	1 07	158 36	10
Laborers	21	293	1 10	322 30	10
Painters	4	155	1 35	209 25	10
Sewers	32	259	2 09	541 31	9.9
Shipping clerk	1	240	1 66	398 40	10
Sizers	9	155	1 15	178 25	10
Sorters	23	295	92	271 40	10
Sorters (boys)	11	240	60	144 00	10
Tiers	49	300	2 14	642 00	10
Watchman	1	155	1 28	198 40	11
Winders	10	230	2 00	460 00	10
CANNED GOODS—10 ESTABLISHMENTS.					
Boxmakers	24	52	1 50	78 00	10
Canners	486	215	1 73	371 95	12
Canners (boys)	156	256	71	181 76	10
Canmakers	46	262	1 67	437 54	10
Cappers	4	110	1 71	188 10	10
Cooks	2	44	2 00	88 00	10
Corn huskers	210	57	1 19	67 85	10
Cutters	22	51	1 50	76 50	10
Engineers	9	137	2 08	284 96	10.4
Fillers	3	44	1 75	77 00	10
Firemen	3	49	1 58	77 42	11.3
Foremen	2	95	3 50	332 50	10
Handlers	45	60	1 25	75 00	10
Helpers (boys)	360	60	80	48 00	10
Huskers	230	89	2 07	184 23	10
Laborers	346	118	1 32	155 76	10
Machine hands	30	60	1 50	90 00	10
Packers	40	50	1 25	62 50	10
Patchers	3	44	1 75	77 00	10
Power hoist hands	2	44	1 50	66 00	10
Processor	1	306	2 25	688 50	12
Scalder	1	44	1 50	66 00	10
Shipping clerks	2	50	1 50	75 00	10
Tank men	10	60	2 00	120 00	10
Teamster	1	306	1 50	459 00	10
Tippers	20	56	1 56	87 36	10
Truckmen	20	60	1 25	75 00	10
CARRIAGES AND WAGONS—99 ESTABLISHMENTS.					
Assemblers	4	295	2 00	590 00	10
Benders	2	300	1 75	525 00	10
Blacksmiths	363	283	1 99	563 17	9.2
Blacksmith's helpers	35	303	1 45	439 35	9.9
Body makers	6	277	2 04	565 08	9.6
Carpenter	1	310	2 00	620 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

CARRIAGES AND WAGONS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Craters	21	222	$1 70	$377 40	9.2
Draymen	2	307	1 50	460 50	9.5
Engineers	18	291	1 79	520 89	9.6
Erectors	3	300	1 50	450 00	10
Finisher	1	300	2 00	600 00	10
Firemen	3	299	1 50	448 50	10
Foremen	16	294	2 75	808 70	10
Foundry men	7	252	2 00	504 00	10
Gearmakers	4	312	1 65	514 80	9
Harness maker	1	310	2 50	675 00	10
Helpers	31	285	1 24	353 40	9.6
Laborers	234	287	1 36	390 32	9.9
Machine hands	88	290	1 64	475 60	9.8
Machinists	80	290	1 98	574 20	10
Metal workers	28	294	1 75	514 50	10
Packers	2	302	1 50	453 00	9
Painters	422	282	2 02	569 64	9.7
Painters' helpers	25	299	1 43	427 57	9.8
Patternmakers	3	294	2 75	808 50	10
Reedworkers	5	250	2 25	462 50	10
Sawyer	1	300	1 75	525 00	10
Setters-up	4	300	1 50	450 00	10
Shippers	26	291	1 62	471 42	9.7
Stockkeeper	1	302	1 75	528 50	10
Tankmakers and helpers	9	300	1 50	450 00	10
Teamsters	7	295	1 49	439 55	10
Trimmers	206	278	2 00	556 00	9.9
Trimmers' helpers	9	301	1 36	409 36	10
Turners	2	300	2 12	636 00	10
Wagonmakers	10	290	2 30	667 00	9.8
Warehousemen	2	252	1 80	453 60	9
Watchmen	12	288	1 44	414 72	11.4
Wheelmakers	19	296	1 57	464 72	8.6
Woodworkers	213	290	1 91	553 90	9.9
Woodworkers' helpers	18	260	1 57	408 20	9.2
Yard hands	6	252	1 60	403 20	10
CARRIAGE AND WAGON MATERIALS—31 ESTABLISHMENTS.					
Assorters	15	301	1 75	526 75	10
Belters	27	288	1 72	495 32	10
Bench hands	26	278	1 99	553 22	10
Benders	28	279	1 68	468 72	10
Blacksmiths	104	303	2 27	687 81	10
Blacksmiths' helper	1	281	1 25	351 25	10
Bodymakers	48	303	2 44	739 32	10
Craters	3	299	1 42	424 58	10
Drayman	1	298	1 45	432 10	10
Driller	1	156	1 25	195 00	10
Engineers	17	259	2 15	556 85	10
Finishers	2	303	2 12	336 36	10
Firemen	5	290	1 73	501 70	10
Fitters	10	260	3 00	78 00	10
Foremen	23	276	2 35	648 20	9.9
Forgers	35	272	2 24	609 28	10
Grinders	18	248	2 36	388 28	10
Hammermen	3	303	1 83	554 49	10
Heater man	1	298	2 00	596 00	10
Heeler	1	208	1 15	239 20	10
Helpers	52	304	1 67	507 68	10
Hubmakers	31	301	1 53	460 53	10
Inspectors	7	245	1 78	436 10	10
Laborers	433	285	1 52	433 20	10
Laborers (boys)	18	262	70	183 40	9.9
Leather workers	64	310	1 75	542 50	10
Machine hands	210	276	1 78	391 28	10
Machinists	26	286	2 14	612 04	10
Mechanics	23	278	1 48	471 24	9.6
Mill men	50	288	2 25	648 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

CARRIAGE AND WAGON MATERIALS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Mortiser	1	208	$2 00	$416 00	10
Packers	23	291	1 27	269 57	10
Painters	10	308	1 65	523 20	10
Patternmakers	2	288	2 37	582 56	9.5
Pinner	1	156	2 50	390 00	10
Planers	30	295	1 52	448 40	10
Pole ironers	25	264	1 64	432 96	10
Press hands	4	306	1 45	443 70	10
Puncher	1	156	1 75	273 00	10
Rimmakers	40	302	1 50	453 00	10
Rounders	11	276	1 76	485 76	10
Sawyers	15	270	1 67	450 90	10
Shaft men	7	156	1 75	273 00	10
Shearers	1	156	1 75	273 00	10
Shippers	5	191	2 00	382 00	10
Singletree burner	1	208	1 75	364 00	10
Sorters	3	208	2 05	426 40	10
Spokemakers	80	302	1 60	483 20	10
Steelworkers	13	301	1 52	457 52	10
Stockkeeper	1	281	1 35	279 35	10
Teamsters	2	291	1 37	398 67	10
Timber buyer	1	280	2 00	560 00	10
Topmakers	6	300	2 00	600 00	10
Turners	12	292	1 91	557 72	10
Trimmers	5	306	2 06	630 36	10
Watchmen	10	271	1 58	429 18	11.5
Wheelmakers	47	305	1 70	518 50	10
Woodworkers	59	297	1 88	558 36	10
Yard men	27	282	1 50	423 00	10
CARS AND CAR FURNISHINGS—3 ESTABLISHMENTS.					
Air brake men	2	250	3 25	$812 50	9.5
Blacksmiths	28	290	2 20	638 00	9.6
Cabinetmakers	25	303	2 47	748 41	9.8
Car builders	80	310	3 00	930 00	10
Carpenters	2	310	2 50	775 00	10
Drayman	1	250	1 00	250 00	10
Draughtsmen	5	310	2 50	775 00	10
Electricians	5	303	2 60	787 80	10
Engineers	3	278	2 83	786 74	9.8
Erectors	35	274	2 25	616 50	9
Firemen	5	284	1 99	565 16	10.7
Foremen	3	250	2 85	712 50	9.5
Glaziers	3	310	2 75	852 50	10
Laborers	33	284	1 50	426 00	9.7
Machine hands	12	256	1 75	448 00	9.4
Machinists	10	310	2 50	775 00	10
Painters	59	299	2 26	675 74	9.8
Patternmakers	2	310	3 00	930 00	10
Pipefitters	4	310	2 75	852 50	10
Repairers	48	250	2 50	625 00	9.5
Storehouse employees	2	250	2 00	500 00	9.5
Teamsters	2	310	3 50	1,085 00	10
Tinsmiths	4	301	2 50	752 50	10
Truckmen	10	274	2 40	657 60	9.7
Watchmen	3	258	1 50	387 00	10
Woodworkers	45	302	2 36	712 72	9.8
CASTORS—2 ESTABLISHMENTS.					
Castormakers	5	305	96	292 80	10
Coremaker	1	305	1 75	533 75	10
Foreman	1	301	2 25	677 25	10
Helpers	2	305	1 50	457 50	10
Laborers	10	301	1 50	451 50	10
Laborers (boys)	10	301	75	225 75	10
Moulders	3	305	2 51	765 55	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

CASTORS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packer	1	301	$2 00	$602 00	10
Patternmaker	1	305	2 81	857 05	10
Toolmakers	2	303	2 28	690 84	10
CHEWING GUM—2 ESTABLISHMENTS.					
Engineer	1	270	2 00	540 00	10
Machinist	1	270	2 50	675 00	10
Mixers	2	270	2 25	607 50	10
Packer	1	270	2 00	540 0 0	10
Watchman	1	270	1 75	472 50	13
CHURNS—2 ESTABLISHMENTS.					
Bench hands	7	300	1 75	525 00	10
Carpenter	1	100	1 50	150 00	9
Coopers	2	300	1 50	450 00	10
Engineers	2	200	1 87	374 00	9.5
Laborers	12	300	1 25	375 00	10
Laborers (boys)	7	243	75	182 25	9.7
Machine men	8	300	1 50	450 00	10
Painters	2	300	1 25	375 00	10
Turners	2	300	1 50	450 00	10
Watchmen	1	300	1 25	375 00	10
CIGARS—142 ESTABLISHMENTS.					
Apprentices	15	290	0 76	220 40	8.3
Banders	11	263	56	147 28	10
Branders	2	293	38	111 34	10
Bunchbreakers	3	292	1 33	388 36	9.3
Bunchers	6	301	1 34	403 34	9.8
Casers	16	281	1 25	351 25	10
Cigarmakers	414	288	1 84	529 92	8.5
Cutter	1	304	1 25	380 00	10
Engineers	2	186	2 00	372 00	9.5
Foremen	17	270	2 46	664 20	10
Helpers	7	291	1 33	387 03	9.6
Laborers	14	299	1 54	460 46	10
Laborers (boys)	9	296	65	195 40	9.5
Packers	26	292	1 85	540 20	9.4
Pressmen	3	293	1 47	430 71	10
Rollers	149	288	1 82	522 16	9.3
Shakers	6	290	1 25	362 50	10
Shippers	9	279	82	228 78	10
Spreaders	4	290	1 25	362 50	10
Stemmers	47	290	1 00	290 00	9
Strippers	82	289	66	190 74	9.4
Weigher	1	290	1 50	435 00	10
CLOTHING—182 ESTABLISHMENTS.					
Apprentices	6	286	74	211 62	9.3
Basters	2	302	2 41	727 82	9.8
Bushelmen	8	306	1 89	578 34	9.8
Buttonhole maker	1	306	2 50	765 00	9
Coatmakers	313	290	2 53	733 70	9.6
Cutters	60	283	2 56	724 48	9.5
Designers	2	299	4 58	1,369 42	9
Engineers	2	300	2 00	600 00	10
Errand boy	1	270	1 00	270 00	9
Foreman	1	300	3 50	1,050 00	10
Helpers	13	301	1 02	308 02	9 8
Janitor	1	299	2 00	598 00	9.5
Machinists	4	300	2 87	861 00	9
Machine operators	8	306	2 87	878 22	9.1
Packers	3	291	1 62	471 42	9.8
Pantmakers	51	280	2 04	581 20	9.6

TABLE IVf—MANUFACTURES—CITIES—Continued.

CLOTHING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Porter	1	260	$ 50	$103 00	10
Pressers	19	299	1 76	526 24	9.8
Repairer	1	275	2 00	550 00	10
Shippers	5	300	1 80	540 00	10
Stockkeepers	19	300	1 55	465 00	10
Tailors	126	294	2 35	690 90	9.7
Vestmakers	13	306	1 94	593 64	9.1
CLOTHES WRINGERS AND WASHBOARDS—3 ESTABLISHMENTS.					
Assembler	1	306	1 50	459 00	9.5
Drillers	2	306	1 25	382 50	9.5
Laborers	7	221	1 36	300 56	10
Machinists	3	296	1 83	541 68	9.7
COFFEE, BAKING POWDER AND SPICES—3 ESTABLISHMENTS.					
Laborers	2	166	1 37	227 42	9
Mixers	2	292	2 84	829 48	10
COFFINS AND BURIAL CASES—5 ESTABLISHMENTS.					
Bench hands	3	298	2 00	596 00	10
Boxmakers	2	312	1 87	583 44	10
Cabinet makers	3	300	2 25	675 00	10
Casketmakers	6	313	1 85	579 05	10
Clothworkers	11	302	1 86	561 72	9.5
Coverer	1	313	70	219 10	10
Engineers	2	304	2 08	632 32	10
Fireman	1	313	1 75	547 75	10
Grainers	4	313	1 75	547 75	10
Laborers	62	297	1 48	439 56	9.1
Machine hands	13	309	1 93	596 37	10
Metal workers	26	296	1 85	547 60	9
Painters	12	296	1 75	518 00	9
Platers	6	296	1 60	473 60	9
Polishers	12	296	2 25	666 00	9
Reelmaker	1	298	2 50	745 00	10
Teamsters	2	305	1 50	457 50	10
Tinners	18	296	1 90	562 40	9
Trimmers	4	298	2 00	596 00	10
Upholsterers	3	300	2 00	600 00	10
Varnisher	1	310	2 00	620 00	10
Watchman	1	313	1 50	469 50	10
Woodworkers	34	300	1 99	597 00	9.2
Yard hands	2	313	1 50	469 50	10
CONFECTIONERY—23 ESTABLISHMENTS.					
Apprentice	1	313	1 33	416 29	12
Baker	1	313	3 00	939 00	10
Baker's helper	1	313	1 50	469 50	10
Candymakers	49	298	2 12	631 76	9.8
Candymakers' helpers	5	300	1 20	360 00	10
Clerks	2	242	50	111 00	10.5
Drivers	12	332	1 39	461 48	10
Helpers	10	288	1 10	316 80	10
Ice cream makers	14	312	1 62	505 64	10
Laborers	2	253	1 82	460 46	9.5
Packers	2	276	1 85	510 60	10
Porters	3	306	1 00	306 00	8.3
Shippers	2	280	2 12	593 60	10
COOPERAGE—26 ESTABLISHMENTS.					
Bolter	1	127	1 50	190 50	10
Boxmakers	2	300	2 00	600 00	9
Coopers	196	277	1 82	504 14	9.3
Coilers	2	271	3 00	813 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

COOPERAGE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cullers	3	206	$1 50	$309 00	10
Cratemaker	1	301	1 75	526 75	10
Engineers	8	274	2 16	591 88	9.9
Finishers	3	302	1 25	377 50	9
Firemen	11	218	1 83	428 94	10
Foremen	8	257	2 53	649 21	10
Helpers	10	300	1 75	525 00	9
Hoop carrier	1	86	1 75	150 50	10
Hoop cutters	3	273	2 42	660 66	9.3
Jointers	4	215	1 87	402 05	9
Laborers	240	243	1 36	330 48	10
Lappers	2	258	2 12	546 96	10
Machine hands	34	256	2 00	512 00	9.8
Painter	1	302	2 00	604 00	10
Planers	2	271	1 50	406 50	10
Sawyers	25	288	1 89	544 32	9.7
Stave cutters	2	188	2 81	528 28	10
Stave jointers	2	250	2 10	525 10	10
Tank maker	1	346	1 50	519 00	10
Teamsters	15	272	1 98	538 56	9.6
Turners	3	244	2 58	371 52	8.7
Watchman	1	271	2 00	542 00	10
Woodworkers	2	300	2 00	600 00	9
COPPER AND BRASS GOODS—12 ESTABLISHMENTS.					
Apprentices	3	288	1 25	360 00	10
Assemblers	15	300	1 75	525 00	10
Blacksmiths	2	294	2 62	770 28	9.5
Carpenter	1	300	2 50	750 00	10
Coppersmiths	11	307	2 53	776 71	9.5
Coppersmiths' helper	1	288	1 50	432 00	10
Coremakers	11	294	1 95	573 30	10
Engineer	11	300	3 00	900 00	10
Electrician	1	300	2 25	675 00	10
Finishers	54	294	2 07	608 58	10
Firemen	2	300	2 00	600 00	10
Helpers	12	300	1 53	459 00	10
Japanner	1	300	1 25	375 00	10
Laborers	56	297	1 50	445 50	10
Machinists	31	297	2 22	659 34	9.8
Moulders	31	290	2 57	745 30	10
Packers	6	300	1 50	450 00	10
Patternmakers	7	300	2 75	825 00	10
Planishers	5	299	2 00	598 00	10
Platers	4	300	2 00	600 00	10
Plumber	1	300	3 25	975 00	10
Polishers	22	300	2 00	600 00	10
Pressmen	14	300	1 50	450 00	10
Tinners	3	300	1 75	525 00	10
Toolmakers	9	300	2 75	825 00	10
Watchmen	2	300	1 50	450 00	12
CORDAGE AND TWINE—2 ESTABLISHMENTS.					
Apprentices	5	303	80	242 40	10
Ballers and packers	54	306	1 28	391 68	10
Carpenters	6	306	1 86	569 16	10
Cordage department hands	95	303	1 25	378 75	10
Engineers	6	305	2 45	747 25	10.3
Firemen	4	306	1 44	440 64	10
Foremen	14	306	2 20	673 20	10
Laborers	23	306	1 29	394 74	10
Machinists	25	305	2 38	725 90	10
Preparers	232	306	1 20	367 20	10
Ropemakers	48	306	1 29	394 74	10
Spinners	82	306	1 26	385 56	10
Watchmen	3	306	1 47	439 82	12.5

TABLE IVf—MANUFACTURES—CITIES—Continued.

COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—16 ESTABLISHMENTS

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Beamers	2	310	$1 50	$465 00	10
Bleachers	3	308	1 60	492 80	10
Brusher	1	307	1 00	307 00	10
Carders	27	292	1 24	362 08	10
Carpenter	1	306	2 50	765 00	10
Cutters	4	278	1 62	450 36	10
Designer	1	306	3 25	994 50	10
Drawer	1	306	2 50	765 00	10
Dressers	8	306	1 73	529 38	10
Dyers	21	300	1 80	540 00	10
Elevator boy	1	310	85	263 50	10
Engineers	13	292	1 93	563 56	10
Finishers	48	308	1 57	483 56	10
Firemen	4	250	1 56	390 00	10
Foremen	7	302	3 40	1,026 80	10
Helpers	6	305	1 40	427 00	10
Knitters	6	294	2 50	735 00	10
Laborers	28	161	1 60	257 60	10
Laborer (boy)	1	300	75	225 00	10
Layers	2	306	1 50	459 00	10
Loom fixers	13	304	1 69	513 76	10
Machinists	5	308	2 73	840 84	10
Machine operators	2	306	1 00	306 00	10
Millwright	1	305	2 50	762 50	10
Nappers	3	308	1 60	492 80	10
Oilers	4	306	80	244 80	10
Packers	3	282	1 15	324 30	10
Pickers and cardroom hands	6	308	1 33	359 64	10
Pickers (boys)	3	305	1 39	423 95	10
Piecers	3	305	75	228 75	10
Pressers	5	287	1 34	384 58	10
Shippers	4	307	1 96	601 72	10
Spinners	27	309	1 23	380 07	10
Stockkeepers	3	307	1 25	383 75	10
Warpers	2	305	1 75	533 75	10
Washroom hands	4	309	1 36	420 24	10
Watchmen	5	296	1 60	473 60	10.9
Weavers	35	289	1 62	468 18	10
Winder	1	80	50	40 00	10
Wool sorters	15	307	1 98	607 86	10
CUTLERY AND EDGED TOOLS—6 ESTABLISHMENTS.					
Apprentices	18	280	50	140 00	10
Assemblers	112	301	1 56	469 56	9.2
Buffers	11	302	2 07	625 14	9.5
Cutlers	18	249	3 67	767 03	9.1
Cutlers' helpers	4	306	1 00	306 00	10
Diemaker	1	300	2 00	600 00	10
Droppers	8	298	2 44	727 12	9.3
Engineer	1	306	2 50	765 00	9.5
Finishers	8	301	2 50	652 50	9.1
Fitters	30	306	2 65	810 90	9.5
Forgers	17	306	2 50	765 00	9.5
Foreman	1	266	2 50	665 00	10
Grinders	52	303	3 05	924 15	9.4
Hardeners	2	280	1 87	523 60	10
Helpers	2	306	87	266 22	10
Laborers	60	288	1 65	310 20	9.8
Machinists	5	293	2 15	629 95	9.7
Material man	1	306	2 50	765 00	10
Material man's helper	1	306	1 10	336 00	10
Packers	8	306	1 50	459 00	9.5
Photographers	2	280	2 75	770 00	10
Plater	1	266	1 75	465 50	10
Polishers	134	304	2 01	611 04	9.5
Printer	1	280	2 50	640 00	9
Ruppers	3	266	1 75	465 50	10
Scrubber	1	266	75	199 50	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

DAIRY PRODUCTS—10 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Buttermakers	18	286	$1 90	$543 40	8.9
Drivers	37	334	1 63	544 42	9.1
Engineer	1	365	2 00	730 00	9
Foremen	3	348	2 08	723 84	9.3
Laborers	35	329	1 43	470 47	9.9
Pasteurizers	2	365	2 25	821 25	9.5

DENTAL AND SURGICAL CHAIRS—3 ESTABLISHMENTS.

Blacksmith	1	286	2 25	643 50	10
Cabinetmakers	10	286	2 50	715 00	10
Enameler	1	293	1 75	512 75	10
Engineer	1	225	1 70	382 50	10
Laborers	15	287	1 62	464 94	10
Machinists	48	284	2 22	630 48	10
Painters	13	281	2 35	661 35	10
Platers	2	289	2 50	722 50	10
Polishers	5	275	2 12	583 00	9.8
Upholsterers	3	268	2 63	704 84	9.7

DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—28 ESTABLISHMENTS.

Bottlers	4	300	1 75	525 00	9
Bottle washer	1	312	1 00	312 00	9
Carpenters	3	322	2 50	805 00	10
Chemist	1	306	2 50	765 00	10
Driver	1	305	1 33	405 65	10
Engineer	1	307	2 00	614 00	10
Firemen	2	347	2 10	728 70	12
Foreman	1	307	1 75	567 25	10
Grinders	3	347	2 00	694 00	10
Laborers	60	285	1 48	421 80	9.7
Machinist	1	347	3 00	1,041 00	10
Mixers	5	252	1 95	491 40	9.8
Moulders	2	347	2 50	877 50	10
Packers	6	306	1 20	367 20	9.1
Painters	5	310	1 75	542 50	10
Porter	1	300	1 65	495 00	10
Printers	4	307	1 75	537 25	9
Shippers	3	304	1 86	565 44	9.3
Still men	3	347	2 50	867 50	12
Teamster	1	312	1 50	467 00	9
Wrapper	1	305	2 00	610 00	10

ELECTRICAL GOODS AND SUPPLIES—23 ESTABLISHMENTS.

Apprentices	4	306	80	244 80	10
Assemblers	42	157	1 56	244 92	9.6
Bench hands	76	295	1 43	421 85	9.9
Blacksmiths	2	300	2 00	600 00	8
Buffers	12	205	2 52	516 60	9.7
Burners	3	257	1 75	449 75	10
Cabinetmakers	6	155	3 08	477 40	10
Carbon moulders	52	296	1 93	571 28	10
Carpenter	1	300	1 65	495 00	10
Cleaners	2	257	1 00	257 00	10
Draughtsman	1	305	4 72	1,439 60	9
Dynamo department hands	3	301	1 90	571 90	10
Electricians	15	282	2 11	595 02	9.8
Electrical workers	22	254	1 85	469 90	10
Engineers	9	293	2 33	682 69	10.7
Erectors	13	305	2 23	680 15	9.5
Finishers	6	277	1 75	484 75	10.6
Firemen	2	291	1 92	558 72	11
Flangemaker	1	230	1 25	287 50	9.5
Foremen	24	289	2 65	765 85	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Foremen's assistants	8	280	$1 75	$490 00	10
Furnace hands	2	301	1 70	511 70	10
Glassworkers	4	274	2 32	635 68	9.7
Inspector	1	280	2 00	560 00	10
Jumbo men	4	301	1 50	451 50	10
Laborers	206	296	1 49	441 04	10
Laborers (boys)	11	297	82	243 54	10
Lamp department hands	57	249	1 93	480 57	10
Machine hands	90	267	1 68	448 56	9.7
Machinists	31	287	2 25	645 75	9.6
Milling department hands	8	294	1 77	520 38	10
Millwright	1	302	1 75	528 50	10
Moulders	26	300	2 00	600 00	9.5
Oven department hands	4	288	1 50	432 00	10
Packers	11	279	1 50	488 50	10
Painters	3	305	1 80	549 00	9.5
Patternmakers	3	293	3 00	879 00	9.7
Platers	5	296	1 50	444 00	10
Press hands	13	200	1 68	336 00	10
Repairers	2	280	2 00	560 00	10
Scrapers	6	292	1 30	379 60	10
Shippers	14	293	1 51	442 43	9.6
Sorters	5	294	1 30	382 20	10
Storekeepers	5	155	1 46	227 30	10
Testers	4	299	1 97	589 03	9.6
Toolmakers	23	155	3 15	488 25	10
Treater	1	230	3 00	690 00	9.5
Watchmen	4	290	1 63	472 70	11
Winders	14	305	1 85	564 25	9.5
EXTRACTS, TOILET ARTICLES AND PERFUMERY—4 ESTABLISHMENTS.					
Bottlers	2	309	1 10	339 90	9.5
Chemists	2	304	2 75	842 00	10
Finishers	40	290	1 15	333 50	9.8
Glassworkers	26	290	1 87	542 30	9.8
Helper	1	300	1 25	375 00	10
Packers	2	308	1 50	462 00	10
Shippers	2	304	2 12	644 48	10
Woodworkers	20	290	1 90	551 00	9.8
FERTILIZERS—9 ESTABLISHMENTS.					
Acid men	6	360	1 75	630 00	11
Engineers	3	317	2 08	659 36	10
Foreman	1	200	1 50	300 00	10
Laborers	95	319	1 52	584 88	10
Millwrights	2	360	2 00	720 00	10
Watchman	1	360	1 75	630 00	11
FLOURING MILL PRODUCTS—99 ESTABLISHMENTS.					
Baker	1	237	2 10	497 70	10
Boxmakers	3	275	1 90	522 50	10
Carpenter	1	230	2 50	575 00	10
Clerks	3	275	1 91	525 25	10
Coopers	42	263	1 59	418 17	9.5
Elevator men	31	218	1 71	372 78	11.5
Engineers	82	268	2 00	536 00	10.6
Exchange men	2	300	1 50	450 00	10
Firemen	6	267	1 85	493 95	11.3
Foremen	10	276	2 23	615 48	10
Grinders	3	306	2 00	612 00	11
Helpers	44	293	1 58	462 94	10.4
Inspector	1	275	2 00	550 00	10
Laborers	595	275	1 61	442 75	10
Loaders	3	275	1 64	451 00	10

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

FLOURING MILL PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machine tenders	6	275	$1 12	$308 00	10
Millers	162	264	2 15	567 80	10.5
Mill hands	70	283	2 08	588 64	11.6
Millwrights	8	256	2 56	655 36	10
Nailers	4	275	1 55	426 25	10
Oilers	7	263	1 54	405 02	10.9
Packers	72	249	1 77	440 73	10.2
Plumber	1	275	2 25	618 75	10
Shippers	13	196	1 50	294 00	12
Sweepers	5	279	1 50	418 50	10
Teamsters	88	286	1 65	471 90	10
Warehouse men	5	284	1 70	472 80	10
Watchmen	4	296	1 84	544 64	11
Weighman	1	275	1 66	456 50	10
Wheat buyers	2	130	2 00	260 00	10
FOUNDRY AND MACHINE SHOP PRODUCTS—110 ESTABLISHMENTS.					
Apprentices	72	292	1 05	316 60	9 8
Assemblers	4	215	1 98	425 70	9
Axle turners	10	266	2 30	411 80	9.4
Blacksmiths	60	305	2 52	768 60	9.7
Blacksmiths' helpers	35	297	1 67	493 99	10
Boilermakers	66	283	2 55	721 65	10
Boilermakers' helpers	127	291	1 57	456 87	10
Bronzers	8	294	2 25	661 50	10
Buffers	6	293	2 12	621 16	10
Car builders	10	291	1 55	451 05	9
Carpenters	34	300	2 11	633 00	10
Chainmakers	60	200	2 50	500 00	7
Chippers	95	173	1 66	264 08	9.2
Cleaners	14	235	1 75	411 25	11.4
Constructors	3	300	2 50	750 00	10
Coremakers	141	278	2 00	556 00	9.6
Crane operators	5	142	1 80	255 60	9.8
Cupola tenders	29	264	1 92	406 88	9.8
Decorators	6	294	3 00	882 00	10
Die sinkers	9	299	2 72	813 28	10
Drillers	43	294	2 25	661 50	10
Electricians	5	159	2 10	333 90	10.8
Enamelers	1	285	2 50	712 50	10
Engineers	30	272	2 15	584 80	9.8
Erectors	5	300	2 80	840 00	10
Filer	1	285	2 00	570 00	10
Firemen	9	258	1 83	472 14	10
Foremen	31	285	3 18	906 30	9.5
Foundrymen	133	251	2 10	527 10	10
Furnace hands	32	207	2 17	449 39	11.3
Grinders	12	278	2 15	597 90	10
Hammer driver	1	250	2 00	500 00	9
Hammer men	37	285	2 75	783 75	9.9
Heater man	1	250	2 00	500 00	9
Helpers	214	291	1 39	404 49	9.7
Japanners	9	293	2 39	700 27	10
Laborers	1,440	247	1 55	382 85	9.8
Laborers (boys)	39	283	1 30	367 90	10
Link winders	8	200	1 50	300 00	9
Machinists	574	282	2 51	707 82	9.9
Machine hands	74	254	2 14	543 56	9.6
Machine hands (boys)	25	243	1 35	328 05	10
Machinists' helpers	95	301	1 52	457 52	10
Mason	1	200	2 50	500 00	10
Mechanics	40	300	2 50	750 00	10
Melters	3	280	2 83	792 40	8.3
Mill hands	6	304	1 62	492 48	10
Moulders	1,281	263	2 64	694 32	9.6
Moulders' helpers	67	270	1 92	518 40	8.7
Moulding machine operators	7	243	3 76	913 68	10
Mounters	13	293	2 67	782 31	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	7	246	$1 56	$383 76	10
Painters	3	303	2 25	682 75	10
Patternmakers	63	277	2 66	736 82	9.7
Platers	8	287	2 35	674 45	10
Plate workers	10	291	1 50	436 50	9
Plumbers	6	303	2 67	809 01	9.7
Plumbers' helper	1	322	1 50	483 00	10
Polishers	47	280	2 68	750 40	10
Power hands	5	251	2 88	722 88	12
Reamers and tappers	6	215	1 86	499 90	9
Repairers	21	251	2 20	552 20	10
Sand cutters	2	243	1 62	393 66	10
Screwmakers	111	308	1 75	539 00	10
Shearman	1	250	1 60	400 00	10
Sheet metal workers	6	307	1 83	561 81	10
Steamfitters	2	325	2 75	893 75	10
Teamsters	6	264	1 89	498 96	10
Testers	6	215	1 76	378 45	9
Tinner	1	306	2 00	612 00	9
Toolmakers	5	300	3 50	1,050 00	10
Trimmers	6	298	2 14	637 72	10
Turners	8	250	1 50	375 00	9
Watchmen	11	268	1 53	410 04	10
Wheelers	6	243	1 50	364 50	10
Woodworker	1	275	1 50	412 50	10
FURNITURE—35 ESTABLISHMENTS.					
Apprentices	2	300	50	150 00	10
Bench hands	24	226	1 82	484 12	10
Benders	10	260	1 35	351 00	10
Blacksmith	1	304	2 00	608 00	10
Cabinetmakers	308	286	1 79	511 92	10
Cabinetmakers' helpers	14	295	1 25	348 75	10
Carpenter	1	260	1 75	455 00	10
Carvers	22	280	1 74	487 20	9.3
Chainmakers	54	275	1 72	473 00	10
Craters	2	260	1 50	390 00	10
Engineers	19	274	2 08	569 92	10.3
Finishers	321	276	1 55	427 80	9.9
Finishers' helpers	14	295	1 25	368 75	10
Firemen	9	256	1 48	376 88	10.5
Fitters	6	266	1 55	412 30	10
Foremen	4	229	3 43	785 47	10
Glueroom hands	6	196	1 37	268 52	10
Helpers	25	234	1 02	238 68	10
Inspector	1	295	1 50	442 50	10
Laborers	289	279	1 29	359 91	10
Laborers (boys)	6	146	58	84 68	10
Lumber pilers	2	304	1 00	304 00	10
Machinists	7	231	1 93	445 83	9.9
Machine hands	508	268	1 62	434 16	10
Machine hands' helpers	19	295	1 08	318 60	10
Metal workers	65	292	1 50	438 00	10
Mill hands	200	292	1 50	438 00	10
Moulders	8	200	2 00	400 00	10
Packers	95	287	1 34	384 58	10
Painters	10	109	1 99	216 91	10
Shippers	13	273	1 52	414 96	10
Teamsters	16	270	1 41	380 70	10
Trimmers	2	295	1 50	442 50	10
Turners	17	265	1 62	429 30	10
Upholsterers	44	285	1 94	552 90	9.7
Varnishers	270	293	1 31	383 83	10
Veneer men	9	284	1 78	589 52	10
Watchmen	16	264	1 53	403 92	10.5
Woodworkers	91	284	2 10	596 40	10
Yard men	22	293	1 51	442 43	9.8

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

GAS AND ELECTRICITY—74 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Apprentice	1	366	$0 91	$333 06	10
Blacksmith	1	365	2 50	912 50	10
Carpenters	2	365	2 00	730 00	10
Cleaners	2	365	1 50	547 50	11
Coal and coke handlers	7	365	1 76	642 40	11.7
Collector	1	366	2 16	790 56	10
Complaint men	2	365	1 83	667 95	10
Dynamo tenders	4	365	2 00	730 00	12
Electricians	30	365	2 27	828 55	10.3
Electricians' assistants	2	365	1 29	470 95	10
Engineers	120	359	2 29	822 11	11.1
Field men	3	349	1 95	680 55	10
Filter men	2	366	2 00	732 00	12
Firemen	128	360	1 76	633 60	11.3
Fitters	44	365	2 50	912 50	10
Fitters' helpers	5	356	92	326 52	10
Foremen	20	365	2 26	824 90	10.5
Gasmakers	14	358	1 97	705 36	11.4
Gasmakers' helper	1	365	1 00	365 00	8
Gas purifiers	4	350	1 55	542 50	11
Helpers	14	364	1 42	516 88	10.8
Hostler	1	366	1 50	549 00	10
Inspectors	8	365	2 30	839 50	10
Laborers	531	351	1 62	568 62	10.1
Lamp men	5	365	1 67	609 55	10
Linemen	75	256	1 94	496 64	10
Meter readers	13	366	1 83	669 78	9.8
Oilers	8	365	1 55	565 75	11.2
Painters	2	365	2 00	730 00	10
Pipefitters	3	365	2 39	872 35	10
Plumbers	8	365	2 31	843 15	10.5
Plumbers' helper	1	365	1 00	365 00	10
Repairers	6	365	2 05	748 25	10.7
Retort men	7	365	1 97	719 05	12
Service men	5	366	2 06	753 96	10.4
Stockkeepers	2	365	1 26	459 90	9.5
Stokers	41	365	1 76	641 40	11.8
Teamsters	5	365	1 65	602 25	9.6
Trimmers	41	347	1 62	562 14	10
Waiters	2	366	1 75	640 50	10
Watchmen	6	365	1 42	518 30	10.3
Wiremen	15	365	2 03	740 95	9.9
Yard men	2	365	1 68	613 20	9.5
GLASS WORKS SUPPLIES—4 ESTABLISHMENTS.					
Blacksmith	1	310	2 00	620 00	10
Brickmakers	5	311	1 67	519 37	10
Carpenters	2	310	2 25	697 50	10
Clay trampers	3	310	1 66	514 60	10
Draughtsman	1	310	3 33	1,032 30	10
Engineers	2	310	2 50	775 00	11
Fireman	1	311	2 25	699 75	12
Kiln men	2	311	2 00	622 00	12
Laborers	74	310	1 54	477 40	10
Machinist	1	310	3 00	930 00	10
Mill tenders	12	311	1 61	500 71	10
Mouldmakers	13	304	2 81	854 24	9.6
Potmakers	15	311	3 33	1,035 66	9.3
Potmakers' assistants	7	311	1 95	606 45	9.3
Teamsters	2	310	1 83	567 30	10
Watchman	1	311	2 00	622 00	12
GLASS AND GLASSWARE—23 ESTABLISHMENTS.					
Apprentices	85	94	1 50	141 00	8.5
Ballmakers	1	250	4 18	627 00	10
Batchmen	6	137	1 72	232 84	8.7
Blacksmiths	12	234	2 69	629 46	10
Blacksmiths' helper	1	125	1 50	187 50	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

GLASS AND GLASSWARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blockers	10	250	$4 00	$1,000 00	10
Blowers	1,208	171	5 44	825 11	8.5
Boxmakers	10	183	1 72	314 76	9.4
Carriers	8	200	1 47	294 00	9.5
Carriers (boys)	242	257	97	249 29	9.3
Carpenters	2	258	2 00	516 00	10
Chippers	4	258	1 35	348 30	10
Clerk	1	250	2 50	625 00	10
Cutters	149	231	3 05	704 55	9.3
Decorators	9	290	2 50	725 00	10
Electrician	1	258	3 00	774 00	10
Engineers	21	204	2 30	469 20	11.3
Engravers	8	256	3 17	811 52	9.4
Fillers	2	125	2 00	250 00	12
Finishers	211	245	90	220 50	8
Flatteners	32	199	6 65	1,323 35	10.9
Furnace men	58	167	2 06	344 02	11.4
Gasmakers	10	186	1 80	334 80	11.2
Gatherers	451	237	3 09	732 33	8.3
Glassworkers	192	284	3 40	965 60	9
Grinders	33	257	2 26	580 82	9.7
Inspectors	2	250	1 55	387 50	10
Laborers	1,074	160	1 47	235 20	9.5
Laborers (boys)	982	214	84	179 76	9
Laborers (skilled)	165	247	2 85	703 95	9.1
Lehr tenders	28	221	1 64	362 44	10.6
Machinists	6	290	4 40	1,276 00	9
Marvelor	1	250	4 68	1,270 00	10
Mixers	7	260	1 86	483 60	10
Mould boys	14	250	90	225 00	10
Mould cleaners	8	261	1 37	357 57	10
Mouldmakers	46	268	3 28	879 04	9.1
Packers	133	239	1 86	444 54	9.8
Pothouse men	18	94	1 60	150 40	10
Pressers	45	279	3 33	829 07	9.3
Roller boys	3	206	1 85	381 10	6.3
Shippers	6	259	1 79	204 61	9.8
Shove boys	6	125	1 20	150 00	12
Shovers-in	8	206	1 85	381 10	12
Snappers	96	170	1 65	280 50	7.2
Sorters	2	277	1 50	415 50	10
Stockroom hands	2	277	1 75	504 75	10
Teasers	2	225	2 00	450 00	12
Warehouse men	2	136	1 50	204 00	8
Watchmen	7	210	1 71	359 10	11.7
Weighers	2	250	1 38	345 00	11
Wheelers	2	125	1 87	234 15	10
Yard men	87	95	1 44	136 80	10
GLOVES AND MITTENS—9 ESTABLISHMENTS.					
Cutters	24	218	1 66	361 88	9.7
Finishers	5	100	1 00	100 00	10
Foreman	1	300	2 50	750 00	10
Glovemakers	3	265	1 75	463 75	10
Helpers	2	216	1 00	216 00	9.7
Laborer	1	120	1 50	180 00	9
Laborers (boys)	3	300	75	225 00	10
Packers	2	300	1 50	450 00	10
Shippers	2	110	1 41	155 10	9.5
Table layers	4	295	1 67	492 65	10
GUNPOWDER AND OTHER EXPLOSIVES—7 ESTABLISHMENTS.					
Carpenters	2	264	2 45	646 80	10
Engineers	7	271	2 33	631 43	11.6
Farm hands	3	264	1 50	396 00	12
Firemen	3	264	2 07	546 48	11

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

GUNPOWDER AND OTHER EXPLOSIVES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Foreman	1	264	$3 00	$792 00	10
Helpers	3	141	1 94	273 54	7.3
Hostlers	4	176	1 55	272 80	10.2
Kegmakers	8	264	1 75	462 00	10
Laborers	21	271	1 64	444 44	9.4
Machinist	1	264	2 50	660 00	10
Machinist's helper	1	264	1 90	501 60	10
Millwrights	4	274	2 75	753 50	9.2
Nitroglycerine makers	7	249	3 50	871 50	6.7
Painters	1	264	1 90	501 60	9
Powdermakers	57	267	2 22	592 74	8.7
Repairer	1	264	3 00	792 00	10
Shooters	45	209	3 72	777 48	9
Teamsters	16	251	1 77	444 27	8.9
Tinners	11	235	2 45	575 75	9.8
HANDLES—10 ESTABLISHMENTS.					
Belters	5	340	2 00	680 00	10
Blacksmith	1	300	2 00	600 00	10
Engineers	4	294	1 96	576 24	10
Finishers	14	225	2 36	531 00	9.3
Firemen	2	270	1 87	504 90	10
Floor hand	1	227	2 00	454 00	10
Foremen	6	300	2 25	675 00	10
Helpers	20	300	1 00	300 00	10
Inspectors	3	300	2 17	651 00	10
Laborers	121	267	1 40	373 80	9.8
Laborers (skilled)	6	200	1 75	350 00	9
Machinist	1	300	3 00	900 00	10
Sawyers	26	238	1 76	418 88	9.6
Shipper	1	300	1 75	525 00	10
Teamster	1	350	1 50	525 00	10
Turners	15	272	1 97	535 84	9.8
Woodworkers	16	303	1 92	581 76	10
HARDWARE—9 ESTABLISHMENTS.					
Annealers	21	307	1 70	521 90	10
Assemblers	14	302	89	268 78	10
Blacksmiths	21	307	1 99	610 93	10
Buffer	1	308	2 00	616 00	10
Carpenter	1	307	2 00	614 00	10
Casemakers	2	308	1 50	462 00	10
Driller	1	308	75	231 00	10
Engineers	5	260	2 25	585 00	10
Fireman	1	307	1 90	580 60	10
Fitters	69	307	1 50	460 50	10
Foremen	3	298	2 58	748 84	10
Forgers	3	110	2 25	247 50	10
Foundry men	29	308	2 00	616 00	10
Japanners	9	285	1 31	373 35	10
Laborers	45	268	1 32	353 76	9.6
Laborers (boys)	12	288	93	267 84	10
Lathe turners	9	298	1 80	536 40	10
Machinists	9	252	2 37	597 24	10
Moulders	36	307	2 35	721 45	10
Moulders' helpers	14	307	1 33	408 31	10
Operators	26	308	1 60	492 80	10
Packers	17	307	97	297 79	10
Painters	2	308	1 50	462 00	10
Patternmakers	7	308	2 24	689 92	10
Platers	8	302	1 81	546 62	10
Polishers	33	307	1 41	432 87	10
Pressmen	2	110	1 50	165 00	10
Sawyers	3	298	1 50	422 00	10
Shipper	1	298	2 50	745 00	10

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

HARDWARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Solderer	1	295	$1 75	$516 25	10
Tubemakers	4	110	2 25	247 50	10
Watchmen	5	308	1 60	492 80	10.4
Woodworkers	8	110	1 50	165 00	10
HARNESS AND SADDLERY—14 ESTABLISHMENTS.					
Apprentices	8	256	1 05	278 25	9.6
Blacksmith	1	278	2 00	556 00	10
Collarmakers	27	297	1 50	445 50	10
Cutters	6	250	3 00	750 00	9.5
Drill men	2	278	1 50	417 00	10
Engineer	1	278	2 00	556 00	10
Foremen	8	267	2 76	736 92	10
Halter makers	38	207	1 74	360 18	10
Harness makers	78	264	2 28	601 92	9.6
Helpers	4	276	1 27	350 52	10
Ironers	4	278	1 75	486 50	10
Machine hands	6	250	3 00	750 00	9.5
Machinists	2	278	1 75	486 50	10
Netmakers	2	297	1 50	445 50	10
Packer	1	278	2 00	556 00	10
Painters	3	278	1 75	486 50	10
Platers	2	278	1 25	327 50	10
Polishers	2	278	1 25	327 50	10
Strapmakers	3	297	1 50	445 50	10
Tanners	32	297	1 75	519 75	10
Teamster	1	278	1 35	375 40	10
Trimmers	3	278	1 75	486 50	10
Woodworkers	5	278	1 50	417 00	10
HATS, CAPS AND FURNISHINGS—3 ESTABLISHMENTS.					
Clerks	12	290	1 75	507 50	8
Cutter	1	55	1 50	82 50	10
Hatmaker	1	306	4 00	1,224 00	8
Helper	1	55	50	27 50	10
HOLLOW WARE—3 ESTABLISHMENTS.					
Annealers	2	261	1 80	469 80	10
Blacksmiths	2	261	2 00	522 00	10
Burners	23	283	2 42	765 66	10
Dippers	12	284	1 36	386 24	10
Firemen	3	261	1 85	482 85	10
Galvanizers	27	261	1 45	378 45	10
Laborers	91	272	1 31	356 32	10
Machine hands	6	261	2 50	652 50	10
Mill hands	5	261	1 95	508 95	10
Moulders	45	275	2 50	687 50	9
Packers	16	285	1 80	513 00	10
Picklers	40	272	1 14	310 08	10
Polishers	30	275	1 75	486 25	10
Riveters	10	261	2 25	587 25	10
Scalers	7	261	1 50	391 50	10
Shipper	1	261	2 00	521 00	10
Smelters	5	300	1 65	495 00	12
Stampers	85	281	1 66	366 46	10
Wrappers	2	300	83	249 00	10
ICE (ARTIFICIAL)—31 ESTABLISHMENTS.					
Collector	1	259	0 84	217 56	10
Drivers	148	270	1 81	388 70	10.4
Engineers	47	236	2 47	582 92	11.2
Firemen	18	276	1 87	516 12	12
Helpers	21	254	1 50	381 00	10.8

TABLE IVf—MANUFACTURES—CITIES—Continued.

HOLLOW WARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Hostlers	2	313	$1 75	$547 75	11
Ice pullers	30	255	1 72	438 60	11.5
Laborers	55	259	1 63	422 17	10.2
Tankmen	19	239	1 63	389 57	12
Teamsters	2	270	1 80	486 00	9
IRON (STRUCTURAL AND ARCHITECTURAL)—15 ESTABLISHMENTS.					
Apprentices	2	300	1 00	300 00	10
Blacksmiths	38	298	2 66	792 68	9.8
Blacksmiths' helpers	43	286	1 70	486 20	10
Boilermakers	5	307	3 15	967 05	9
Bolters	7	297	2 49	739 53	9
Bridge builders	50	309	2 80	865 20	9.8
Carpenter	1	300	1 50	450 00	10
Crane men	5	307	1 75	567 25	9
Draughtsman	8	307	4 42	1,356 94	9
Electrician	1	297	2 50	742 50	9
Engineers	4	285	2 25	641 25	9.8
Erectors	6	304	2 00	608 00	10
Fence builders	8	311	1 57	488 27	10
Fireman	1	307	1 70	521 90	9
Fitters	24	242	2 25	544 50	10
Foremen	6	251	3 46	868 46	10
Furnace builders	40	307	3 25	1,007 75	9
Heaters	12	301	1 00	301 00	9
Helpers	139	300	1 74	522 00	9.1
Ironworkers	16	292	1 73	505 16	10
Jailmakers	37	308	2 20	676 60	10
Laborers	209	297	1 53	454 41	9.8
Layers-out	12	276	2 42	667 92	9.5
Machine hands	176	307	1 67	512 69	9.8
Machinists	88	288	2 50	720 00	10
Painters	6	305	1 50	457 50	10
Patternmaker	1	311	2 90	901 90	10
Patternmaker's apprentice	1	311	1 50	466 50	10
Punchers	12	268	2 16	578 88	9.5
Riveters	69	302	1 59	480 18	9.9
Riveters' helpers	44	276	1 59	438 84	9.4
Shearmen	2	297	2 00	594 00	9
Shipper	1	311	2 00	622 00	10
Template workers	8	283	2 47	699 01	9.4
Watchman	1	307	1 60	491 20	9
JEWELRY AND WATCHES—3 ESTABLISHMENTS.					
Balance workers	14	276	6 75	1,863 00	10
Damaskieners	24	276	4 36	1,193 36	10
Dialmakers	32	276	7 00	1,932 00	10
Engineer	1	230	2 00	460 00	10
Engine turner	1	230	3 33	765 90	10
Engravers	183	262	2 38	623 56	10
Escape makers	31	276	4 50	1,242 00	10
Finishers	85	269	5 85	1,583 75	10
Gilders	4	276	3 40	938 40	10
Inspectors	3	230	1 66	381 80	10
Jewelers	52	276	3 55	979 80	10
Jointers	44	263	2 34	615 42	10
Laborers	89	270	2 45	761 50	10
Machine hands	82	271	3 19	864 49	10
Melters	31	270	2 45	661 50	10
Motion makers	20	276	2 19	604 44	10
Pinion makers	42	276	4 11	1,134 36	10
Platers	95	271	2 82	482 22	10
Polishers	110	264	2 35	620 40	10
Pressroom hands	6	230	2 13	489 90	10
Repairers	16	276	3 00	828 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

JEWELRY AND WATCHES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Screwmakers	40	276	$3 35	$924 60	10
Spring department hands	4	230	1 75	402 50	10
Turners	5	230	1 58	363 40	10
Watchman	1	230	1 36	312 80	10
LEATHER AND LEATHER GOODS—11 ESTABLISHMENTS.					
Beamsters	15	311	1 79	556 69	10
Beltmakers	14	305	2 09	637 45	10
Belt riveter	1	305	1 45	442 25	10
Curriers	43	291	1 90	552 90	10
Engineers	4	295	2 26	666 70	10 2
Firemen	4	311	1 85	575 35	11
Foreman	1	300	2 50	750 00	10
Grainers	8	310	2 61	919 10	9.8
Helpers	4	300	1 50	450 00	10
Japanners	4	338	2 00	676 00	10
Laborers	94	303	1 59	481 77	10
Leather stretchers	3	305	2 00	610 00	10
Patcher	1	300	2 00	600 00	10
Pebbler	1	300	2 00	600 00	10
Scrap boy	1	305	1 00	305 00	10
Shavers	8	308	2 56	788 48	10
Shippers	2	305	1 72	524 60	10
Softeners	4	309	1 65	509 85	10
Splitters	3	305	3 33	1,015 65	10
Table hands	3	325	1 77	575 25	10
Tackers	4	319	1 75	558 25	10
Tanners	27	300	1 58	474 00	9.7
Trimmers	2	302	1 55	468 10	10
Watchman	1	300	1 45	435 00	10
Yard men	10	302	1 52	459 04	10
LIGHTING APPARATUS—5 ESTABLISHMENTS.					
Buffers	4	315	1 60	504 00	10
Carpenter	1	306	1 90	581 40	9.5
Engineers	2	291	2 00	582 00	10
Foreman	1	306	2 38	728 28	9.5
Laborers	56	285	1 34	381 90	9.9
Machinists	19	311	1 89	587 79	9.9
Mechanics	4	308	2 48	763 84	10
Moulders	3	315	2 50	787 50	10
Packers	4	315	1 50	472 50	10
Painters	2	306	1 78	564 68	9.5
Testers	11	315	1 60	504 00	10
Tinners	12	313	1 73	541 49	9.9
Watchman	1	277	1 40	387 80	13
LIME, SAND, CEMENT AND PLASTER—29 ESTABLISHMENTS.					
Blacksmiths	4	275	2 37	651 75	9.7
Burners	17	266	1 77	470 82	10.8
Captains	3	294	3 83	1,126 02	9.3
Carmen	10	360	1 40	504 00	10
Carpenters	10	276	2 14	590 64	10
Cart boys and men	4	360	1 50	540 00	10
Chemists	2	220	2 71	596 20	10
Coopers	21	340	2 24	761 60	8
Deck hands	7	291	1 32	384 12	9.1
Drillers	2	300	1 87	561 00	10
Dumpers	3	360	1 60	476 00	10
Electrician	1	320	3 00	660 00	10
Engineers	41	254	2 22	563 88	10.9
Firemen	13	275	1 79	492 25	11
Foremen	28	289	2 09	604 01	10
Grinders	7	172	1 86	319 92	12
Kiln hands	2	172	1 50	258 00	12
Laborers	337	265	1 56	413 40	9.8

TABLE IVf—MANUFACTURES—CITIES—Continued.

LIME, SAND, CEMENT AND PLASTER—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Limeburners	4	280	$1 87	$523 60	11
Lime men	6	199	1 77	352 23	10.7
Loader	1	275	1 75	481 25	10
Machinists	17	173	1 99	344 27	10
Mate	1	306	1 16	354 96	10
Mill hands	35	220	1 60	352 00	12
Millers	20	169	1 85	312 65	12
Miners (coal)	33	220	2 50	550 00	10
Miners (limestone)	30	220	1 50	330 00	10
Mixers	15	273	1 64	447 72	10
Motormen	2	169	2 00	338 00	12
Oilers	12	159	1 97	313 23	12
Packers	3	215	2 00	430 00	8.7
Quarrymen	124	255	1 65	420 75	10
Shed men	8	360	1 60	576 00	10
Shovelers	18	260	1 75	455 00	9
Teamsters	43	282	1 78	501 96	9.6
Teamsters (with teams)	18	260	1 75	455 00	10
Track man	1	360	1 60	576 00	10
Watchman	1	310	1 50	465 00	10
Wheelers	20	306	1 60	489 00	10
LIQUORS (DISTILLED)—16 ESTABLISHMENTS.					
Bottlers	2	300	1 50	450 00	10
Bottle washers	3	312	1 20	374 40	10
Carpenter	1	312	2 00	624 00	10
Cellar men	9	300	1 77	531 00	10
Champagne makers	4	309	1 37	423 33	10
Chemist	1	309	5 47	1,690 23	10
Column runner	1	130	3 33	432 90	8
Distillers	3	247	2 61	644 67	9.3
Engineers	4	305	2 23	680 15	10
Fireman	1	301	2 00	602 00	10
Foreman	1	300	3 00	900 00	10
Helpers	4	312	1 56	486 72	10
Laborers	55	238	1 76	418 88	9.8
Rectifier	1	312	2 00	624 00	10
Winemakers	15	292	1 34	391 28	10
LIQUORS (MALT)—51 ESTABLISHMENTS.					
Apprentices	4	313	1 12	350 56	11.2
Bartenders	4	309	1 62	500 58	10.5
Boiler room men	2	312	2 00	624 00	10
Bottlers	104	313	1 62	507 06	9.6
Brewers	164	306	2 33	712 98	9.4
Brewmasters	6	308	6 13	1,888 04	10.3
Carpenters	7	340	2 29	778 60	9.1
Cellar men	81	321	2 43	780 03	9.4
Collectors	4	312	2 94	917 28	9.7
Coopers	10	332	2 41	800 12	9.3
Drivers	189	301	2 33	701 33	9.6
Engineers	88	310	2 62	812 20	10
Firemen	39	307	2 01	617 07	10
Foremen	5	321	3 82	1,226 22	10
Greasers	3	366	2 16	790 56	8
Helpers	6	239	1 51	360 89	10
Hostlers	41	310	1 97	610 70	9.8
Icemakers	30	330	1 93	636 90	10.2
Ice drawers	5	309	1 64	516 76	10
Janitor	1	314	1 00	314 00	10
Kettlemen	10	309	2 78	859 02	9.7
Laborers	102	308	1 65	508 20	10
Maltsters	14	321	2 32	744 72	9.3
Oilers	2	313	2 00	626 00	12
Plumbers	2	366	3 00	1,098 00	8.5

TABLE IVf—MANUFACTURES—CITIES—Continued.

LIQUORS (MALT)—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Shipper	1	313	$1 75	$547 75	12
Tank men	3	300	1 50	450 00	12
Washhouse hands	41	327	2 34	765 18	9.7
Watchmen	15	317	1 96	621 32	11.2
LITHOGRAPHING, ENGRAVING AND ELECTROTYPING—6 ESTABLISHMENTS.					
Apprentices	6	307	0 72	221 04	8.5
Artists	3	289	3 42	899 38	8
Engravers	8	292	2 44	712 48	8.4
Etchers	4	310	3 37	1,044 70	8.5
Etchers' helper	1	314	2 52	791 28	8
Finishers	2	314	3 60	1,130 40	8
Machinist	1	302	2 75	830 50	9
Photographers	4	310	3 52	1,091 20	8.5
Photographers' helper	1	314	2 25	706 50	8
Printers	2	314	2 40	439 60	8
Routers	3	311	2 05	637 55	8.3
MACHINERY—74 ESTABLISHMENTS.					
Apprentices	340	300	1 00	300 00	9.4
Assemblers	4	247	1 87	461 89	10
Blacksmiths	199	294	2 43	714 42	9.8
Blacksmiths' helpers	133	302	1 75	528 50	9.6
Boilermakers	112	292	2 15	647 80	9.8
Boilermakers' helpers	17	292	1 75	511 00	10
Bolt cutters	2	298	95	283 10	10
Buffer	1	306	1 57	480 42	9
Carpenters	124	299	2 17	648 83	9.8
Chainmakers	10	304	2 40	729 60	10
Chippers	12	309	1 78	550 02	9.3
Coopers	2	286	2 25	643 50	10
Coremakers	44	303	2 52	763 56	9.2
Coremakers' helper	1	309	1 60	494 40	10
Crane men	21	307	1 64	503 48	9.2
Cupola tenders	9	283	2 18	616 94	9.5
Cupola tenders' helper	1	309	1 50	463 50	10
Drill press hands	8	302	1 27	383 54	10
Electricians	15	302	2 40	724 80	9.3
Engineers	40	294	2 17	637 98	9.6
Firemen	8	299	1 80	538 20	10.3
Fitters	2	298	2 30	685 40	10
Floor men	14	306	2 60	795 60	9
Foremen	23	296	3 00	888 00	9.8
Foundry hands	112	277	1 93	534 61	9.8
Foundry helpers	24	308	1 60	492 80	9
Grinders	7	302	1 93	582 86	10
Helpers	172	303	1 59	481 77	9.8
Ironworkers	27	292	2 18	636 56	9.4
Janitor	1	309	1 75	540 75	9
Laborers	1,127	293	1 57	460 01	9.7
Laborers (boys)	3	297	75	222 75	10
Machine hands	38	286	2 16	617 76	10
Machinists	1,759	291	2 34	680 94	9.7
Machinists' helpers	107	302	1 62	489 24	9.4
Mechanics	15	327	2 47	807 69	10
Masons	2	304	3 50	1,064 00	9
Millwright	1	270	3 00	810 00	10
Moulders	437	286	2 66	760 76	9.5
Moulders' helpers	30	304	1 50	456 00	9.8
Mounters	7	306	1 75	535 50	10
Packers	3	308	1 75	539 00	10
Painters	70	288	1 74	501 12	9.8
Patternmakers	103	291	2 61	759 51	9.5
Pipefitters	3	308	1 60	492 80	10
Plater	1	286	3 00	858 00	10
Plumber	1	304	2 25	684 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Polisher	1	292	$2 25	$657 00	10
Porters	2	306	1 50	459 00	10
Pressmen	6	303	2 25	681 75	10
Roll turners	8	309	2 86	883 74	9.8
Stockroom men	3	298	1 73	515 54	9.3
Teamsters	16	304	1 86	565 44	9.8
Tinners	22	289	2 73	848 97	10
Toolmakers	4	309	2 95	911 55	9.2
Watchmen	21	298	1 67	497 66	10.5
Winders	6	306	1 40	428 40	9
Woodworkers	101	275	1 96	539 00	9.9
MALT—4 ESTABLISHMENTS.					
Engineers	6	253	2 02	511 06	11.2
Foremen	4	273	2 78	758 94	9.5
Laborers	5	253	1 75	442 75	10
Maltsters	42	262	1 88	492 56	9.7
Watchmen	2	293	2 00	586 00	10
MARBLE AND GRANITE—18 ESTABLISHMENTS.					
Apprentices	2	275	1 12	308 00	9
Blacksmith	1	275	2 25	618 75	9
Buhrman	1	306	1 95	596 70	10
Cutters	52	295	2 91	858 45	9.5
Engineer	1	307	2 00	614 00	10
Foremen	3	306	2 44	746 64	9.7
Helper	1	300	1 37	411 00	10
Laborers	22	303	1 54	468 62	9.7
Letterers	3	307	3 00	921 00	10
Packer	1	306	1 75	535 50	10
Polishers	7	298	1 67	488 66	9.4
Quarrymen	4	304	1 70	516 80	9.7
Teamsters	3	305	2 14	652 70	10
MATTRESSES AND PILLOWS—8 ESTABLISHMENTS.					
Carpenters	2	280	1 75	490 00	10
Drivers	4	282	1 32	372 24	10
Feather department hands	4	280	1 25	350 00	10
Felting department hands	10	280	1 75	490 00	10
Fillers	18	280	1 25	350 00	10
Helpers	4	260	1 50	390 00	10
Laborers	2	300	1 50	450 00	10
Mattress makers	48	282	2 08	586 56	10
Packers	2	280	1 50	420 00	10
Springmakers	12	280	1 50	420 00	10
Wireworkers	14	280	1 00	280 00	10
OILCLOTH AND WINDOW SHADE CLOTH—2 ESTABLISHMENTS.					
Boilers	2	249	2 87	714 63	10
Boilers' assistant	1	278	1 50	417 00	10
Coaters	49	248	1 68	456 64	10
Color mixers	12	245	1 81	443 45	10
Embossers	2	249	2 00	498 00	10
Engineers	3	259	2 58	668 22	10
Firemen	5	267	1 86	496 62	10
Laborers	10	232	1 47	341 04	10
Machinists	5	244	2 27	553 88	10
Painters and helpers	7	262	2 29	599 98	10
Trimmers	22	244	1 03	251 32	10
Watchmen	5	255	1 78	453 90	12

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
OIL AND GREASE—5 ESTABLISHMENTS.					
Acid workers	10	365	$2 17	$792 05	10
Barrelhouse men	2	360	2 25	810 00	10
Boilermakers	89	364	1 98	720 72	9
Boiler men	8	353	1 84	649 52	10.2
Brickmasons	19	364	3 58	1,303 12	9.2
Brickmasons' helpers	20	364	1 75	637 00	9.2
Butcher	1	192	3 33	639 36	10
Carpenters	15	364	2 39	869 96	9.2
Coopers	5	350	2 10	735 10	9.6
Engineers	9	323	2 28	736 44	11.8
Foremen	14	295	3 50	1,032 50	9
Laborers	132	364	1 50	546 00	9.1
Laborers (skilled)	91	365	2 26	824 90	10
Machinists	12	365	2 07	755 55	9
Paraffin workers	65	226	2 00	452 00	10
Pipefitters	39	364	1 73	629 72	9
Pressroom hands	5	360	1 50	540 00	10
Pumpers	2	360	1 50	540 00	10
Repairers	19	364	1 94	706 16	9.2
Stillmen	13	352	2 02	509 04	12
Teamsters	7	333	1 73	576 09	10
Treater	1	360	2 50	900 00	10
Warehouse men	6	342	2 25	769 50	9.7
PAINTS AND VARNISHES—11 ESTABLISHMENTS.					
Color tinter	1	275	2 50	687 50	9.5
Engineers	2	287	2 25	645 75	9.7
Foremen	3	293	2 90	849 70	8.5
Grinders	2	300	2 00	600 00	10
Helpers	2	303	2 20	666 60	8
Labeler	1	275	2 50	687 50	10
Laborers	8	254	2 00	508 00	8.6
Machine hands	2	275	2 50	687 50	9.5
Mechanics	5	306	2 00	612 00	10
Mixers	5	300	1 75	525 00	10
Packers	3	300	2 00	600 00	10
Paintmakers	11	306	1 84	563 04	10
Printer	1	275	2 50	687 50	9.5
Shippers	4	289	2 69	777 41	8.7
PATTERNS AND MODELS—8 ESTABLISHMENTS.					
Engineer	1	200	2 75	550 00	9.5
Fireman	1	200	2 50	500 00	9.5
Laborers (boys)	2	307	1 00	307 00	10
Machinists	4	275	2 50	687 50	10
Patternmakers	30	271	2 75	745 25	9.3
Patternmakers' helpers	6	233	1 08	251 64	9
PIANOS AND OTHER MUSICAL INSTRUMENTS—8 ESTABLISHMENTS.					
Action makers	13	290	2 65	568 50	10
Back maker	1	306	1 50	459 00	10
Bellow makers	16	296	1 94	574 24	10
Bellying	3	300	3 00	900 00	9.7
Boxmakers	3	297	1 42	421 74	10
Cabinetmakers	15	220	2 20	484 00	10
Carvers	4	293	2 00	586 00	10
Casemakers	35	289	2 23	644 47	10
Chestmakers	5	307	1 85	567 95	10
Engineers	6	288	2 08	599 04	10
Finishers	20	297	2 62	778 14	10
Gluer	1	306	2 50	765 00	10
Laborers	4	307	1 25	383 75	10
Machine hands	29	291	1 96	570 36	10
Organ builders	22	290	2 02	585 80	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

PIANOS AND OTHER MUSICAL INSTRUMENTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Piano department hands	15	306	$2 00	$612 00	10
Pipemakers	2	307	2 10	644 70	10
Polishers	2	290	1 75	507 50	9
Regulators	16	292	1 06	893 52	10
Rubbers	34	285	2 29	652 65	10
Setters-up	4	292	2 31	674 52	9.7
Stainers	2	290	1 25	362 50	9
Stockkeeper	1	293	2 50	732 50	10
Stringers	2	298	1 08	321 84	9.5
Teamster	1	241	1 50	361 50	10
Trimmers	5	254	2 10	533 40	10
Tuners	10	272	3 00	816 00	9.9
Varnishers	6	257	2 12	544 84	9.7
Veneer men	13	295	1 87	551 65	10
Voicers	2	307	3 00	921 00	10
Watchmen	4	299	1 35	403 65	10.5
Yard men	7	271	1 50	406 50	10
PICKLES, PRESERVES AND SAUCES—4 ESTABLISHMENTS.					
Engineer	1	100	1 67	167 00	10
Fireman	1	300	1 75	525 00	12
Foreman	1	300	2 25	675 00	10
Laborers	19	174	1 50	261 00	10
Shipper	1	300	1 50	450 00	9
Teamster	1	300	1 25	375 00	9
PLATING—4 ESTABLISHMENTS.					
Buffer	1	300	$3 00	$900 00	9.5
Plater	1	300	3 00	900 00	9.5
Polishers	11	250	2 09	522 50	9.5
PLUMBING, STEAM AND GAS FITTING SUPPLIES—9 ESTABLISHMENTS.					
Apprentice	1	80	1 10	88 00	9
Assemblers	4	308	1 75	539 00	9.5
Blacksmiths	4	295	2 37	699 15	9.7
Cabinet makers	4	308	1 75	539 00	9.5
Carpenters	5	286	2 11	603 46	10
Coremakers	17	255	2 44	622 20	10
Enamelers	41	301	3 21	966 21	9.5
Finishers	7	308	2 00	616 00	9.5
Firemen	4	302	1 60	483 20	10
Foreman	1	308	3 00	924 00	10
Gasfitter	1	306	3 00	918 00	9
Helpers	62	307	1 80	552 60	8.8
Laborers	180	291	1 58	460 28	10
Machinists	71	297	2 20	653 40	10
Machine hands	16	308	2 00	616 00	9.5
Moulders	166	291	2 90	843 90	9.7
Packers	2	308	2 00	616 00	9.5
Patternmakers	10	289	3 15	910 35	9.7
Pipefitters	11	309	2 95	911 55	9
Plater	1	308	3 00	924 00	9.5
Plumbers	4	306	3 25	994 50	9
Polishers	4	308	2 25	693 00	9.5
Steamfitter	1	306	3 33	1,018 98	9
Watchmen	2	302	1 50	453 00	10
POTTERY AND STONEWARE—55 ESTABLISHMENTS.					
Art department hands	35	312	3 08	960 96	9.8
Ballmaker	1	267	1 40	373 80	9.5
Batters-out	13	296	1 81	535 76	9
Bisque department hands	20	283	3 01	851 83	7.5

TABLE IVf—MANUFACTURES—CITIES—Continued.

POTTERY AND STONEWARE—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blacksmiths	2	255	$2 10	$535 50	9
Caskmakers	2	285	3 00	885 00	9
Casters	2	180	1 25	225 00	10
Claymakers	8	302	1 82	549 64	9
Clayworkers	920	273	2 81	767 13	9.5
Clay workers' helpers	110	300	1 60	480 00	9
Coopers	8	292	2 00	584 00	9
Decorators	284	280	2 72	761 60	8.8
Decorators' apprentices	10	300	1 50	450 00	8
Dippers	100	279	2 87	800 73	9.3
Dippers' helpers	5	300	2 00	600 00	8
Dishmakers	23	264	1 97	784 08	9
Dishmakers' helpers	18	240	1 37	328 80	9
Drawers	219	275	1 83	503 25	8.1
Engineers	46	282	2 32	654 24	9.7
Factory hands	120	313	1 50	469 50	10
Finishers	64	300	1 57	471 00	9.8
Firemen	42	274	2 81	769 94	9.8
Foremen	18	292	2 67	779 64	9.5
Gilders	23	261	2 46	642 06	9
Glaziers	2	297	2 25	668 25	9.5
Glost department hands	44	290	2 57	745 30	8.2
Grinders	6	275	2 75	756 25	9
Ground layer	1	255	2 25	573 75	9
Handlers	46	261	2 61	681 21	8.9
Handlers' helpers	27	251	1 25	313 75	9
Helpers	17	280	1 46	408 80	9.8
Inspectors	8	309	1 60	494 40	9
Insulator makers	50	300	2 00	600 00	9
Jiggermen	182	277	3 11	861 47	9.6
Jiggermen helpers	194	276	1 40	386 40	9
Jollymen	17	261	3 46	903 06	9.2
Jollymen's helpers	17	200	1 75	350 00	9
Kiln burners	12	288	2 13	613 44	10.7
Kiln men	707	271	2 58	699 18	8.4
Kiln placers	78	273	2 94	802 62	9
Kiln setters	50	304	1 55	471 20	10
Laborers	590	282	1 51	425 82	9.5
Laborers (boys)	41	276	1 28	353 28	10
Machine hands	3	300	1 75	525 00	10
Machinists	18	298	2 70	804 60	9
Modelers	6	283	3 04	860 32	10
Mouldmakers	44	286	2 85	815 10	9
Mouldmakers' helpers	8	255	1 75	446 25	9
Mould runners	43	272	1 34	364 48	9
Packers	153	283	2 19	619 77	9.3
Packers' helpers	20	273	1 10	300 30	8.6
Potter	1	298	2 00	596 00	10
Pressers	289	273	2 93	799 89	8.8
Painters	7	271	3 53	956 63	9
Puggers	2	270	1 50	405 00	10
Repairmen	2	290	2 25	652 50	9
Rollmakers	3	306	1 50	459 00	9.5
Saggermakers	93	274	2 71	742 54	9
Saggermakers' helpers	7	300	1 75	525 00	8
Selectors	30	300	1 75	525 00	9
Slipmakers	67	270	2 24	604 80	9
Spongers	3	250	1 50	375 00	9
Sticker-up	21	491	2 40	698 40	9
Stockkeeper	1	309	1 50	463 50	9
Teamsters	16	270	1 74	469 80	9.3
Tinters	3	270	3 08	831 60	9
Tossers	3	270	3 33	899 10	9.7
Trimmers	26	300	1 01	303 00	10
Tubemakers	8	301	1 56	469 56	9
Turners	54	271	2 62	710 02	8.8
Turners' helpers	12	251	1 19	298 69	9.2
Ware carrier	1	290	1 35	391 50	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

POTTERY AND STONEWARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Warehouse men	122	264	$1 84	$485 76	9.2
Waremakers	20	300	3 00	900 00	9.5
Watchmen	16	273	1 66	453 18	10.7
Wheel men	12	300	2 25	675 00	9
Yard men	3	300	1 50	450 00	10
POTTERS' SUPPLIES—6 ESTABLISHMENTS.					
Chargers	4	222	1 75	388 50	10
Chaser men	3	222	1 75	388 50	10
Cylinder men	11	250	2 10	525 00	12
Engineers	6	249	2 53	629 97	12
Kiln placers	12	295	1 83	539 85	9
Laborers	48	270	1 61	434 70	10.6
Millwright	1	222	3 00	666 00	10
Millwrights' helper	1	222	2 00	444 00	10
Pinmakers	14	291	1 50	436 50	8.4
Saggermakers	12	283	3 75	1,061 25	8
Teamster	1	222	2 00	444 00	10
Watchman	1	315	2 50	787 50	10
PRINTING AND BINDING—239 ESTABLISHMENTS.					
Advertisers	9	311	1 96	609 56	9.8
Apprentices	97	303	74	224 22	9
Artists	22	291	3 69	1,073 79	8
Binders	242	314	2 19	687 66	9
Boxmaker	1	307	2 50	767 50	10
Circulators	7	311	2 18	677 98	9.5
Clerk	1	300	1 12	336 00	9
Collectors	18	312	1 90	592 80	9.6
Compositors	731	302	2 20	664 40	8.1
Cutters	15	299	1 79	535 21	9.4
Editors	56	310	2 97	920 70	8.8
Elevator man	1	308	2 00	616 00	9
Electrotypers	34	312	2 66	829 92	9.1
Engineers	9	312	2 31	720 72	9.7
Engravers	19	298	2 84	846 32	8.2
Errand boys	3	309	50	154 50	8.8
Finishers	3	309	3 00	927 00	9
Firemen	2	304	1 95	592 80	9
Folders	14	307	1 47	451 29	9
Foremen	106	299	2 59	774 41	9.2
Galley boys	2	366	71	259 86	9
Galley man	1	312	2 50	780 00	8
Helpers	11	301	89	267 89	9.4
Janitors	2	312	87	271 44	8.5
Job room hands	4	311	1 90	590 90	10
Label trimmer	1	306	1 00	306 00	9
Laborers	89	312	1 42	443 04	9
Linotype operator	89	306	2 84	869 04	8.6
Lithographers	2	310	2 00	620 00	9.5
Machinists	6	317	2 66	843 22	9.2
Mailers	25	311	1 38	429 18	9
Makeup men	6	307	1 83	561 81	9.4
Office boys	8	324	70	226 80	9.2
Packers	6	304	1 48	449 92	9.4
Porters	6	308	1 50	462 00	9
Pressfeeders	240	308	1 48	455 84	9.1
Pressmen	279	310	2 35	728 50	9.1
Pressmen's assistants	12	314	1 52	477 28	8.6
Proofreaders	4	318	2 42	769 56	9
Reporters	149	308	2 17	668 36	9
Rulers	5	306	2 73	835 98	9
Shipping clerks	45	311	1 57	488 27	9
Solicitors	26	293	2 33	682 69	8.9
Stereotypers	12	317	2 29	725 93	9

TABLE IVf—MANUFACTURES—CITIES—Continued.

PRINTING AND BINDING—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Stereotypers helpers	2	337	$1 31	$441 47	8.5
Stockkeeper	1	310	2 00	620 00	10
Teamster	1	300	2 50	750 00	9
Telegraph operators	2	339	2 75	932 25	8.7
Transferers	6	312	4 00	1,248 00	9
Watchmen	5	295	1 80	531 00	11
PUMPS AND WATER WHEELS—9 ESTABLISHMENTS.					
Blacksmiths	5	297	2 15	638 55	9
Carpenters	4	278	2 25	625 50	9.2
Coremakers	10	278	2 24	622 72	9.2
Draughtsmen	2	278	5 70	1,584 60	9.2
Electrician	1	278	1 75	486 50	9.2
Engineers	3	285	2 13	607 05	9.5
Finishers	8	278	1 80	500 40	9.2
Fireman	1	278	1 75	486 50	9.2
Foundry hands	16	310	2 25	697 50	9
Laborers	66	297	1 51	448 47	10
Machine hands	104	278	1 50	417 00	9.2
Machinists	146	298	2 00	596 00	9.7
Moulders	69	286	3 02	863 72	9.5
Mounters	11	278	1 90	528 20	9.2
Painters	6	278	1 75	486 50	9.2
Patternmakers	5	297	2 80	831 60	9.5
Pumpmaker	1	312	2 00	624 00	10
Shippers	3	278	1 72	478 16	9.2
Tool grinder	1	278	1 50	417 00	9.2
Trimmers	2	278	1 75	486 50	9.2
Watchman	1	278	2 00	556 00	9.2
Woodworkers	2	300	1 75	525 00	10
ROOFING (IRON, STEEL AND TIN)—13 ESTABLISHMENTS.					
Apprentices	5	305	85	259 25	9.4
Blacksmith	1	305	2 50	762 50	10.5
Carpenters	4	305	1 75	533 75	10.5
Ceiling department hands	6	305	2 25	686 25	10.5
Cornice makers	7	307	2 50	767 50	10.5
Foremen	3	270	2 47	666 90	9.3
Laborers	52	302	1 51	456 02	10.1
Machinists	3	305	2 25	686 25	10.5
Packers	3	305	1 75	533 75	10.5
Painters	2	305	1 60	488 00	10.5
Pressmen	10	304	2 03	617 12	10.4
Roofers	2	306	1 75	935 50	10
Sheet metal workers	15	307	2 00	614 00	10
Shipper	1	300	1 50	450 00	10
Slaters	15	260	2 49	647 40	9.2
Solderers	6	305	1 75	533 75	10.5
Teamster	1	300	1 75	525 00	10
Tinners	51	305	2 12	646 60	9
Watchman	1	306	1 30	397 80	10
RUBBER GOODS—16 ESTABLISHMENTS.					
Blacksmiths	4	286	2 62	749 32	10
Carpenters	61	287	2 33	668 71	10.3
Curers	41	294	1 75	514 50	10
Drillhands	120	300	2 33	699 00	10.3
Electricians	3	300	2 33	699 00	10.3
Engineers	42	287	2 35	674 45	11
Factory clerks	4	288	1 75	504 00	10
Firemen	40	256	2 05	524 00	11.6
Foremen	16	287	3 03	869 61	10
Grinders	4	260	2 50	650 00	9
Heater workers	22	307	2 00	614 00	10.5
Helpers	6	304	97	294 88	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

RUBBER GOODS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Hosehands	44	286	$2 15	$615 40	10
Laborers	1,493	301	2 04	614 04	10.3
Machine hands	2	294	2 50	735 00	10
Machinists	133	294	2 70	793 80	10.3
Mill hands	51	283	1 98	560 34	10
Moulders	56	288	1 75	504 00	10
Packers	22	289	1 94	560 66	10
Pipefitters	11	300	2 27	681 00	10.3
Plumbers	10	300	2 00	600 00	10
Power department hands	5	294	2 25	661 50	12
Preparers	12	307	1 50	460 50	10.5
Pressworkers	46	300	1 76	528 00	10
Receivers	11	300	2 00	600 00	10
Reclaimers	127	179	1 75	313 25	10
Repair men	6	300	1 00	300 00	10
Rubbers	4	260	2 53	657 80	9
Rubber workers	873	304	1 76	535 04	10.4
Shippers	12	281	1 96	550 76	10
Steamfitter	1	307	2 75	844 25	10.5
Tire inspectors	3	307	1 60	491 20	10.5
Tiremakers	178	300	2 10	630 00	10
Turners	68	266	2 63	699 58	10
Vulcanizers	22	219	1 38	322 22	9.4
Watchmen	5	271	2 11	571 81	12.3
Weigher	1	307	2 00	614 00	10.5
Woodworkers	2	294	2 00	588 00	10
RUGS AND CARPET CLEANING—2 ESTABLISHMENTS.					
Driver	1	150	1 50	225 00	10
Laborers	2	303	1 00	303 00	10
Weavers	8	226	1 25	282 50	10
SAFES, VAULTS AND LOCKS—5 ESTABLISHMENTS.					
Blacksmiths	64	304	2 24	480 96	10
Boltmakers	28	303	2 21	669 63	10.3
Burglar-proof department hands	164	305	2 17	661 85	10
Cabinetmakers	40	305	2 03	619 15	10.1
Carpenters	30	300	1 85	555 00	10
Constructors	9	304	2 60	790 40	9.5
Deposit box makers	77	301	2 10	632 10	10.1
Doormakers	93	302	1 96	591 92	10
Draughtsmen	6	303	3 30	999 90	10.3
Drill press hands	8	304	78	237 12	9.5
Engineer	1	304	2 50	760 00	9.5
Erector	1	304	2 10	638 40	9.5
Fireproof department hands	150	304	1 97	598 88	10.2
Foremen	5	304	2 87	872 48	9.5
Foundry men	31	285	1 82	518 70	10.1
Hingemakers	5	300	1 75	525 00	10
Jail department hands	36	307	2 00	614 00	10
Laborers	92	304	1 56	474 24	10
Lathe hands	24	300	2 04	612 00	10
Lock setters	60	300	2 00	600 00	10
Locksmiths	67	304	2 09	635 36	10.1
Machinists	62	298	2 07	616 86	10.2
Painters	148	304	1 94	589 76	10
Pattern filers	4	303	2 71	821 13	10.3
Planer hands	38	301	1 90	571 90	9.9
Platers	5	307	1 90	583 30	10
Polishers	33	305	2 34	713 70	10.1
Power department hands	9	303	2 23	675 69	10.3
Safe fillers	8	303	1 87	566 61	10.3
Safemakers	36	275	1 50	412 50	10
Shippers	8	303	2 10	636 30	10.3
Straighteners	2	304	2 16	656 64	9.5
Tool dressers	3	303	2 28	690 84	10.3

TABLE IVf—MANUFACTURES—CITIES—Continued.

SAFES, VAULTS AND LOCKS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Toolmakers	39	305	$2 30	$701 50	10.1
Vault constructors	30	300	1 75	525 00	10
Watchman	1	304	2 00	608 00	11.1
SASH, DOORS, LUMBER AND INTERIOR FINISH—141 ESTABLISHMENTS.					
Apprentice	1	297	75	222 75	9
Bench hands	172	300	2 23	669 00	9.7
Blacksmiths	2	295	1 83	539 85	10
Bricklayers	8	310	4 00	1,240 00	8
Bricklayers' helpers	4	310	2 00	620 00	8
Cabinet makers	81	299	2 38	711 62	9.8
Carpenters	383	289	2 48	716 62	9.1
Carver	1	290	1 50	435 00	9
Choppers	4	240	2 00	480 00	10
Chuckers	5	295	1 00	295 00	9
Copper workers	2	294	2 00	588 00	10
Cratemakers	10	143	1 50	214 50	9.8
Cutters	9	301	1 54	463 54	10
Driller	1	295	1 50	442 50	9
Edger	1	300	1 50	450 00	10
Enamelers	8	295	1 50	442 50	9
Engineers	71	287	1 99	571 13	9.8
Finishers	37	303	1 77	536 31	9.8
Firemen	11	290	1 60	464 00	9.7
Fitters	2	295	1 62	477 90	9
Floor layers	2	200	3 00	600 00	9
Foremen	50	273	2 70	737 10	9.7
Glaziers	4	305	1 81	552 05	9.2
Gluers	33	304	1 32	401 28	10
Graders	3	228	2 91	663 48	10
Helpers	75	290	118	342 20	9.8
Hostlers	2	306	1 65	504 90	10
Inspectors	6	282	1 91	538 62	10
Jointer	1	295	1 75	516 25	9
Laborers	482	270	1 50	405 00	9.8
Laborers (boys)	6	284	77	218 68	9.3
Log cutters	20	243	1 65	400 95	10
Lumber pilers	16	224	1 53	342 72	10
Machine hands	337	296	2 02	597 92	9.7
Machinists	99	254	1 91	485 14	9.2
Mechanics	10	291	2 07	602 37	9
Mill hands	277	264	2 01	530 64	9.6
Offbearers	6	249	1 50	370 40	10
Packers	12	298	1 41	420 18	9.8
Painters	15	292	1 98	515 16	10
Piece workers	6	300	1 50	450 00	10
Planers	2	307	1 95	598 65	9.8
Plumbers	2	310	3 50	1,085 00	10
Plumbers' helpers	1	310	1 25	387 50	10
Sawfilers	3	177	4 66	824 82	10
Sawyers	42	262	2 14	560 68	9.8
Setters	5	275	1 77	486 75	9.4
Shippers	5	309	1 70	525 30	9.4
Stair builders	2	307	2 87	881 09	10
Teamsters	265	281	1 57	441 17	9.8
Teamsters (with teams)	6	300	3 00	900 00	10
Timber buyers	2	225	1 75	393 75	10
Turners	20	297	1 69	501 93	9 1
Veneer men	12	300	1 75	525 00	10
Watchmen	22	284	1 41	257 44	10.6
Wirers	4	139	1 75	243 25	9
Woodworkers	137	301	1 92	577 92	9.2
Yard hands	174	280	1 63	456 40	9.6
SLAUGHTERING AND MEAT PACKING—7 ESTABLISHMENTS.					
Butchers	29	306	2 00	612 00	10.5
Clerks	4	309	2 04	630 36	11.5

TABLE IVf—MANUFACTURES—CITIES—Continued.

SLAUGHTERING AND MEAT PACKING—Concluded

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	5	319	$1 46	$465 74	11.4
Engineers	4	319	2 02	644 38	11.8
Foremen	2	332	2 62	869 84	11
Helpers	14	300	1 93	579 00	10
Laborers	18	300	1 75	525 00	10
Packers	12	300	2 00	600 00	10
Salter	1	365	2 25	821 25	10
Sausagemakers	3	287	1 66	476 42	10.7
Tanker	1	365	2 25	821 25	10
SOAP, CANDLES AND TALLOW—10 ESTABLISHMENTS.					
Cutters	2	280	2 00	560 00	9
Engineers	2	188	2 07	389 16	9.5
Helper	1	96	1 87	179 52	10
Laborers	9	240	1 68	403 20	9.9
Laborers (boys)	3	166	80	132 80	10
Presser	1	280	2 00	560 00	9
Soapmakers	12	240	2 19	525 60	9.7
Tankmen	4	306	2 50	765 00	10
Teamsters	3	306	2 50	765 00	10
SODA AND MINERAL WATERS—43 ESTABLISHMENTS.					
Bottlers	38	282	1 82	513 24	9.5
Bottle washers	23	306	1 39	425 34	9.3
Drivers	36	307	1 94	595 58	9.9
Helpers	5	306	1 34	410 04	9.6
Laborers	20	310	1 40	434 00	9.7
Popmaker	1	300	1 25	375 00	10
Watchman	1	313	1 83	573 79	12
STEEL, IRON AND TIN—55 ESTABLISHMENTS.					
Annealers	148	276	1 86	513 36	10
Annealers' helpers	15	295	1 67	492 65	10
Apprentices	47	328	1 58	518 24	10
Ashmen	8	304	1 60	486 40	11.5
Assorters	23	262	2 21	589 02	10
Bar mill men	162	267	2 24	598 08	10.8
Benders	2	275	2 50	687 50	10
Blacksmiths	186	290	2 39	693 10	10.1
Blacksmiths' helpers	26	260	1 59	413 40	10
Blast furnace department hands	565	305	1 95	596 75	12
Blooming department hands	224	308	2 71	834 68	12
Blowers	18	325	2 61	848 25	12
Boilerhouse men	382	291	2 27	660 57	10.2
Boilermakers	141	324	2 06	667 44	10
Boilermakers' helpers	6	275	1 55	426 25	10
Bottom makers	4	306	4 80	1,468 80	12
Bottom makers' helpers	6	306	3 30	1,009 80	12
Boxers	3	246	4 30	1,057 80	10
Brakemen	13	298	1 73	515 54	11.4
Brazers	5	267	1 89	504 63	11
Bricklayers	135	317	3 53	1,121 01	10.8
Bricklayers helpers	23	275	1 50	412 50	10
Bundlers	13	250	1 92	480 00	9.2
Cagers	8	289	1 85	334 65	11
Carbon boys	2	306	1 70	520 20	12
Car men	4	306	1 90	581 40	12
Carpenters	318	310	2 26	700 60	10
Casthouse men	75	321	1 80	577 80	12
Catchers	377	290	3 51	1,017 90	8.1
Chargers	216	312	2 43	758 16	11.7
Chemists	5	290	2 58	748 20	10
Chemists' assistants	2	143	1 65	235 95	10
Chippers	51	296	1 55	458 80	10
Cinder men	39	307	2 02	620 14	11.4

TABLE IVf—MANUFACTURES—CITIES—Continued.

STEEL, IRON AND TIN—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Clay man	1	295	$1 50	$442 50	10
Coal conveyors	4	306	1 70	520 20	12
Coal miners	154	280	3 04	851 20	8
Coal passers	18	306	1 68	514 08	12
Coke bin men	2	295	1 75	516 25	12
Cold rollers	217	267	1 75	487 25	10
Conductors	2	293	2 30	673 90	10
Converting department hands	196	285	2 89	823 65	12
Coopers	8	283	2 00	566 00	10
Coremakers	25	309	2 37	732 33	10
Crane men	59	290	2 01	582 90	11
Cupola tenders	31	295	1 70	501 50	10.3
Cut-off hands	3	308	2 50	770 00	10
Cut nailers	9	283	6 50	1,839 50	10
Diemakers	5	282	2 50	705 00	10
Dippers	74	271	3 01	815 71	9.3
Dock hands	130	328	3 92	1,285 76	11
Door and ingot buggy men	2	306	1 74	532 44	12
Doublers	373	278	4 28	1,189 84	8
Drag-outs	2	213	2 60	553 80	10
Draughtsmen	3	234	3 67	858 78	10
Drawers	2	308	1 75	539 00	10
Electricians	268	318	2 10	667 80	11
Engineers	277	264	2 40	633 60	11
Factory hands	30	295	1 75	516 25	10
Fillers	156	287	1 84	528 08	11.2
Finishers	81	318	2 06	655 08	10.7
Firemen	129	253	1 81	457 93	11.4
Foremen	106	271	2 50	677 50	10.4
Foundry hands	2	277	3 40	941 80	12
Furnacemen	378	221	2 22	490 62	10.8
Galvanizers	20	295	2 10	619 50	12
Gasmakers	118	266	1 82	484 12	11.1
Greasers	8	304	1 80	547 20	11.5
Grinders and buffers	4	267	1 76	469 92	11
Guide setters	4	306	2 85	872 10	12
Hammermen	17	270	3 29	888 30	8.2
Heaters	450	260	7 05	1,833 00	8.5
Heaters' helpers	101	272	2 96	805 12	9.7
Helpers	529	286	2 17	619 22	10
Helpers (boys)	11	51	98	49 98	10
Hoist men	3	306	3 60	1,101 60	8
Hookers	12	76	1 75	134 40	10
Hook-ups	18	234	2 70	631 80	10.9
Hot-ballers	3	306	3 60	1,101 60	8
Hot-bedders	14	306	1 75	535 50	12
Hot blast men	4	245	1 95	477 75	12
Inspectors	18	321	2 39	767 19	11.4
Iron breakers	14	293	3 00	879 00	10
Iron carriers	138	263	2 02	531 26	10
Iron pourers	6	306	3 15	963 90	8
Iron tappers	15	306	4 20	1,285 20	8
Keepers	12	285	2 34	666 90	11.7
Key seater	1	308	2 25	693 00	10
Knobbers	30	40	7 00	280 00	10
Laborers	9,387	269	1 57	422 33	10
Laborers (boys)	11	292	1 02	297 84	11.8
Ladle liners	2	306	5 50	1,683 00	12
Ladle men	20	324	1 78	576 72	12
Leaders	5	262	2 25	589 50	8
Loaders	197	263	1 92	504 75	9.8
Machinists	585	309	2 34	723 06	10.8
Machinists' apprentices	24	266	1 33	353 78	10
Machinists' helpers	8	257	2 00	514 00	10
Manipulators	4	290	3 67	1,064 30	12
Masons	62	314	3 07	963 98	10
Master mechanic	1	276	5 00	1,380 00	12
Matchers	226	273	249	679 77	8

TABLE IVf—MANUFACTURES—CITIES—Continued.

STEEL, IRON AND TIN—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Mechanics	346	277	$2 31	$639 87	10.3
Melters	2	286	10 00	2,860 00	10
Metal unloaders	18	306	2 80	856 80	10
Millwright and helpers	86	272	2 20	598 40	10.4
Moulders	148	299	2 92	873 08	9.4
Mould washers	2	306	1 80	550 80	12
Oilers	16	306	1 70	520 20	12
Open hearth department hands	60	295	1 95	575 25	12
Openers	106	261	1 81	472 41	8.7
Ore men	12	295	1 85	545 75	12
Painters	2	300	1 87	561 00	10
Pair heaters	190	283	2 82	740 06	8
Pan men	2	306	1 75	535 50	12
Patternmakers	46	305	2 53	771 65	10
Patternmakers' apprentices and helpers	2	275	1 12	307 00	10
Picklers	150	261	1 86	485 46	10
Pig machine men	13	328	1 94	636 32	12
Pipe cutters	49	258	1 50	387 00	10.2
Pipefitters	155	315	2 00	630 00	10
Pipefitters' helpers	4	275	1 60	440 00	10
Pit men	111	279	1 65	460 35	10
Pourers	41	327	2 82	922 14	12
Puddlers	327	265	4 23	1,119 95	8.6
Puddlers' helpers	277	261	2 32	605 52	8.7
Pump men	6	306	1 90	581 40	12
Railway employees	109	327	2 35	768 45	10
Rammers	20	280	1 75	490 00	10
Recorders	8	306	1 99	608 94	12
Regulators	4	306	5 40	1,652 40	12
Riggers	51	315	2 00	630 00	10
Risers	194	266	2 07	550 62	8.3
Rollers	475	261	9 66	2,521 26	8.5
Rollers and tonnage men	100	265	6 00	1,590 00	8
Roll hands	228	235	5 32	1,250 20	10
Roll train hands	50	328	3 52	1,154 56	12
Roll turners	123	281	3 17	890 77	9.7
Roofing works hands	10	220	1 75	385 00	10
Ropemakers	5	280	2 00	560 00	10
Roughers	311	275	3 77	1,036 75	8.8
Run downs	14	184	3 50	644 00	10.6
Sailors	2	306	1 90	581 40	12
Sand cutters	4	280	2 50	700 00	10
Scale men	6	276	1 69	466 44	12
Scrap boys	8	296	1 37	405 52	9
Scrap men	4	291	1 57	456 87	12
Scrappers	35	244	6 93	1,690 92	9.7
Scrappers' helpers	30	213	3 10	660 30	10
Screeners	8	280	1 75	490 00	10
Screw boys	159	261	2 15	561 15	8
Shearmen	602	263	2 84	746 92	9.6
Shearmen's helpers	14	286	1 71	489 06	8.3
Sheet mill men	110	275	2 40	660 00	12
Shippers	24	266	2 25	598 50	10
Skull breakers	4	308	1 68	517 44	12
Socket heaters	9	271	2 87	777 77	10
Socket makers	40	260	1 60	416 00	10
Steamfitters	74	335	1 75	586 25	12
Steel pourers	3	306	6 00	1,836 00	8
Steel workers	478	335	2 33	780 55	12
Stokers	14	170	1 82	309 40	10
Stool men	2	306	1 65	604 90	12
Stopper carriers	3	306	4 00	1,224 00	8
Stopper makers	1	306	2 35	719 10	12
Stopper setters	3	306	4 50	1,377 00	8
Storeroom hands	3	306	1 70	520 20	12
Store tenders	8	304	1 94	589 76	11.5
Straighteners	186	293	2 41	706 13	10.3
Stranders	6	234	2 40	561 60	10.7

TABLE IVf—MANUFACTURES—CITIES—Continued.

STEEL, IRON AND TIN—Concluded.

Occupation—Male	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Strippers	4	306	$2 17	$664 02	12
Table men	6	212	2 33	493 96	10.7
Tally men	30	279	1 95	544 05	10.2
Teamsters	16	277	1 77	490 29	10
Testers	35	275	1 67	459 25	10
Tin men	51	282	3 25	916 50	8
Tool men	2	306	1 65	604 90	12
Top chargers	6	293	1 90	556 70	10
Transfer men	2	306	3 00	918 00	12
Turn men	56	152	2 03	308 56	11.8
Unloaders	91	258	1 66	428 28	10
Vessel men	3	306	5 50	1,683 00	8
Vessel men scrappers	3	306	3 20	979 20	8
Warehouse men	6	298	1 45	432 10	10
Watchmen	43	304	1 88	571 32	12
Water tenders	97	282	1 95	549 90	11.9
Weighers	21	282	1 57	447 74	10.5
Welders	40	273	3 93	1,072 89	10
Wheelers	44	306	3 40	1,140 40	8.5
Wipers	6	283	1 72	486 76	12
Wire nailers	8	283	2 60	735 80	10
Wireworkers	22	283	2 68	758 44	10
Wrenchers	2	306	4 65	1,422 90	12
Yard clerks	15	335	1 70	569 50	10
Yard men	55	296	1 76	520 96	10
STENCILS, STAMPS AND SEALS—2 ESTABLISHMENTS.					
Apprentice	1	300	50	150 00	10
Stamp maker	1	300	65	195 00	9
STONE (CUT, SAWED AND ARTIFICIAL)—20 ESTABLISHMENTS.					
Cement workers	11	122	1 57	188 24	10
Crusher	1	237	2 00	474 00	10
Driller	1	237	2 00	474 00	10
Engineers	14	289	2 04	589 56	10
Foremen	8	201	2 34	470 34	10
Hoisters	6	301	1 50	451 50	10
Laborers	164	222	1 73	384 06	9.7
Quarrymen	185	265	1 71	453 15	10
Sawyers	2	301	1 75	526 75	11
Teamsters	3	250	1 66	415 00	10
STOVES, RANGES AND FURNACES—37 ESTABLISHMENTS.					
Apprentices	48	278	1 08	300 24	9.7
Blacksmiths	2	298	2 25	670 50	9
Bodymakers	8	300	1 15	345 00	10
Brickmasons	14	306	4 50	1,377 00	9
Buffers	22	296	2 25	666 00	10
Carpenters	57	301	2 72	818 72	9.2
Cleaners	12	280	1 77	495 60	9.1
Closet makers	12	305	1 73	533 75	10
Coremakers	11	291	1 60	465 60	10
Craters	34	304	2 09	635 36	10
Cupola tenders	47	283	1 73	489 59	9.8
Decorator	1	175	1 50	262 50	8
Drillers	15	296	1 58	467 68	10
Electrician	1	306	2 50	765 00	10
Engineers	27	281	2 11	592 91	10
Filers	2	246	2 00	492 00	10
Fireman	1	300	1 65	495 00	11
Fitters	3	264	2 66	702 24	10
Foremen	5	260	3 50	910 00	9.7
Furnace men	38	282	2 18	614 76	10
Grinders	3	258	1 33	343 14	10
Helpers	79	283	1 61	455 63	9.7

TABLE IVf—CITIES—Continued.

STOVES, RANGES AND FURNACES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Inspectors	3	296	$2 50	$740 00	10
Japanners	13	299	1 85	553 15	10
Laborers (boys)	8	292	1 00	292 00	9
Laborers	797	293	1 51	442 43	10
Machine hands	38	296	1 80	532 80	10
Machinists	63	295	2 40	708 00	9.1
Moulders	1,210	287	3 26	935 62	9.4
Moulders' helpers	25	270	1 56	421 20	9.8
Mounters	380	288	2 22	639 36	10
Mounters' apprentices	4	292	1 25	365 00	10
Packers	4	243	1 50	364 50	10
Pattern filers	7	264	2 53	667 92	10
Patternmakers	32	287	2 84	795 08	9.8
Platers	98	285	2 26	644 10	10
Polishers	123	289	2 45	708 05	9.9
Pressmen	14	300	1 75	525 00	10
Punchmen	6	306	2 50	765 00	10
Rangemakers	30	290	1 58	458 20	10
Riveters	27	299	2 57	768 43	10
Sheet metal workers	29	258	1 75	451 50	10
Shippers	7	258	1 87	482 46	9.3
Stockkeepers	3	290	1 33	385 70	10
Teamsters	18	280	1 65	462 00	9.8
Tinners	136	278	2 14	594 92	10
Toolmakers	4	300	2 81	843 00	10
Warehouse men	2	260	2 00	520 00	10
Watchmen	7	287	1 62	464 94	11.6
STRAWBOARDS AND PAPER—23 ESTABLISHMENTS.					
Ash wheeler	1	199	$1 40	$278 60	10
Back tenders	48	258	1 53	387 09	11.4
Balers	2	311	1 37	426 07	10
Beatermen	56	271	1 76	476 96	12
Beatermen's helpers	39	249	1 49	371 01	12
Blacksmith	1	295	2 50	737 50	10
Bleachmen	25	266	1 47	125 02	9.6
Boilerroom men	2	307	1 20	368 40	12
Boxmakers	2	311	1 50	466 50	10
Calender tenders	2	269	2 00	538 00	10
Calender tenders' helpers	2	269	1 60	430 40	10
Carpenters	6	308	1 97	606 76	10
Cellar men	3	311	1 27	394 97	10
Coal wheelers	7	278	1 59	441 92	12
Coaters	5	305	1 33	405 65	10
Cutters	20	222	1 38	306 36	11.8
Cutters (boys)	32	225	1 14	256 50	10.3
Duster	1	311	1 41	438 51	10
Engineers	73	229	2 30	526 70	11.6
Engineers' helpers	14	300	1 59	477 00	12
Engravers	3	305	3 00	915 00	10
Finishers	57	251	1 72	431 72	10.3
Firemen	70	258	1 96	505 68	12
Firemen's helpers	4	308	1 50	462 00	12
Foremen	3	289	2 16	462 40	10
Helpers	24	292	1 50	438 00	11
Laborers	394	291	1 44	419 04	10.5
Lay boys	10	306	1 16	354 96	12
Lime slackers	3	186	1 60	297 60	10
Loaders	5	108	1 57	169 56	11.2
Machine tenders	483	300	1 92	576 00	12
Machine tenders' helpers	8	289	1 31	368 11	12
Machinists	9	266	2 09	555 94	10.4
Millwrights	67	290	2 35	681 50	10
Millwrights' helpers	2	252	1 75	441 00	10
Papermakers	18	300	1 75	525 00	10
Pipefitters	5	300	1 70	510 00	10
Pluggers-up	4	295	1 40	413 00	12

TABLE IVf—MANUFACTURES—CITIES—Continued.

STRAWBOARDS AND PAPER—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Printers	23	305	$1 20	$366 00	10
Pulp guiders	12	295	1 25	368 75	12
Rag handlers	17	290	1 58	458 20	9.8
Repair men	9	208	2 05	426 40	10
Roll boys	14	301	1 25	376 25	12
Roll tenders	4	269	1 30	349 70	12
Rotary men	32	198	1 52	300 96	10.9
Rotary men's helpers	17	104	1 51	157 04	11.4
Sackmakers	5	305	1 81	552 05	10
Saw filer	1	307	1 75	537 25	10
Screen tenders (boys)	4	308	1 00	308 00	12
Sheet liner men	4	180	1 50	270 00	10
Shippers	5	272	1 68	456 96	10.4
Sorters	5	298	1 36	405 28	10
Stockmen	40	169	1 51	255 19	11.6
Stokers	7	180	1 50	270 00	12
Straw buyer	1	199	2 50	497 50	10
Sulphite makers	20	295	1 70	425 00	12
Teamsters	42	223	1 65	367 95	10
Tubers	4	305	1 20	366 00	10
Washer men and helpers	4	308	1 58	486 64	12
Watchmen	17	266	1 61	428 26	12
Water tenders	2	295	2 20	649 00	12
Wax tenders	4	311	1 50	466 50	12
Yard men	24	194	1 60	310 40	10
SUCKER RODS—2 ESTABLISHMENTS.					
Ironers	6	216	2 25	486 00	10
Laborers	17	298	1 60	476 80	10
Machine men	4	216	2 00	432 00	10
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—42 ESTABLISHMENTS.					
Blacksmiths	4	298	2 02	601 96	10
Burners	4	300	2 00	600 00	9
Carpenters	15	298	1 98	590 04	10
Cornicemakers	63	301	2 60	782 60	10
Cratemakers	14	306	1 62	495 72	10
Draughtsmen	5	302	2 70	815 40	9.4
Draughtsmen's assistants	2	300	1 12	336 00	9
Elbowmakers	9	180	1 25	225 00	10
Enamelers	2	291	3 50	1,028 50	10
Engineers	8	303	2 14	648 42	10
Fireman	1	316	1 40	442 40	10
Foremen	42	300	2 63	789 00	9.9
Galvanizers	33	295	1 81	533 95	10
Helpers	39	301	1 32	397 32	9.5
Laborers	639	296	1 46	432 16	9.8
Laborers (boys)	5	260	1 19	309 40	9.8
Machine hands	110	272	1 63	443 36	9.9
Machinists	30	302	2 58	779 16	9.8
Mechanics	10	308	2 00	616 00	10.5
Metal workers	24	300	1 50	450 00	10
Mill hands	10	311	2 08	646 88	10
Modelers	4	306	3 00	918 00	10
Offbearers	2	306	2 00	612 00	10
Packers	16	316	1 32	417 12	10
Painters	8	312	1 56	486 72	10
Patchers	8	306	90	275 40	10
Picklers	11	291	1 75	509 25	10
Plater	1	306	2 50	765 00	10
Pressmen	55	303	1 84	557 52	10
Roofers	4	307	2 00	614 00	10
Sawyer	1	316	1 75	553 00	10
Sheet iron workers	55	300	1 61	483 00	10
Shipper	1	316	2 75	869 00	10
Solderers	34	311	1 76	547 36	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Spinners	3	301	$2 35	$707 35	10
Stamper	1	316	1 75	553 00	10
Stockkeepers	2	316	2 30	726 80	10
Stone polisher	1	316	1 50	474 00	10
Tinners	88	292	1 95	569 40	9.6
Tinners' helpers	7	302	1 45	437 90	9.8
Transferer	1	316	1 75	553 00	10
Watchmen	8	305	1 69	515 45	11
TOBACCO (CHEWING AND SMOKING)—6 ESTABLISHMENTS.					
Bulkroom hands	23	306	1 23	376 38	10
Casers	10	310	1 50	465 00	10
Dippers	64	306	1 15	351 90	10
Engineers	3	300	2 17	651 00	9.7
Firemen	3	306	2 05	627 30	10
Foremen	3	298	2 17	646 66	9.7
Laborers	177	305	1 48	451 40	10
Layers	8	310	1 25	387 50	10
Machine hands	51	306	1 48	452 88	10
Packers	12	310	1 66	514 60	10
Pressmen	48	305	1 39	423 95	9.9
Shakers	10	310	1 25	387 50	10
Shippers	19	305	1 47	448 35	10
Spinners	63	306	1 54	471 24	10
Stampers	3	306	1 53	468 18	10
Teamsters	2	306	2 92	893 52	10
TOOLS—20 ESTABLISHMENTS.					
Apprentices	57	282	1 20	338 40	10
Assemblers	4	300	1 56	468 00	10
Blacksmiths	43	290	3 21	930 90	10
Blacksmiths' helpers	19	281	1 70	477 70	9.7
Carpenters	10	278	2 02	561 56	10
Coremakers	21	275	2 25	618 75	10
Crane men	9	275	1 70	467 50	10
Draughtsmen	29	276	2 62	723 12	9
Drill men	2	300	1 10	330 00	10
Electricians	2	275	2 70	742 50	10
Engineers	11	280	2 04	571 20	9.7
File cutters	2	185	2 12	392 20	10
Finishers	6	303	2 00	606 00	10
Firemen	8	282	1 69	476 58	10
Foremen	4	300	3 87	1,161 00	10
Forgers	16	306	2 42	740 52	8
Foundry men	35	307	1 94	595 58	9
Grinders	65	294	1 98	582 12	9
Handler	1	300	2 25	675 00	10
Helpers	77	294	1 75	514 50	9 9
Hoemakers	11	300	2 25	675 00	9
Laborers	196	284	1 57	445 88	9.8
Laborers (boys)	34	296	77	227 92	10
Machine hands	37	300	1 80	540 00	9.7
Machinists	481	282	2 20	620 40	9.8
Millwrights	6	275	2 40	660 00	10
Moulders	60	275	3 08	847 00	10
Moulders' helpers	31	275	1 45	398 75	10
Oilers	2	275	1 70	467 50	10
Packers	10	300	1 52	456 00	10
Painters	9	278	1 85	514 30	10
Patternmakers	28	277	2 64	731 28	10
Planemakers	11	300	2 25	675 00	9
Polishers	21	302	2 31	697 62	8.7
Riveter	1	300	2 00	600 00	10
Sander	1	300	2 50	750 00	10
Sawmakers	3	270	2 83	764 00	10
Sawmakers' helper	1	270	1 75	472 50	10

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

TOOLS.—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Shippers	6	306	$1 87	$572 22	9.8
Teamsters	3	291	1 72	493 52	10
Temperers	10	307	1 65	506 55	9
Turners	3	300	1 87	561 00	10
Watchmen	5	281	1 90	533 90	10
Welders	3	300	2 75	825 00	10
Woodworker	1	270	2 50	675 00	10
WHIPS—2 ESTABLISHMENTS.					
Helpers	4	302	1 25	377 50	10
Sawyers	2	302	2 00	604 00	10
Whipmakers	51	267	1 35	360 45	10
WIRE RODS, WIRE CLOTH AND WIRE GOODS—10 ESTABLISHMENTS.					
Annealers	14	261	1 77	461 97	11
Barbed wire maker	1	190	2 50	475 00	10
Bird cage makers	6	300	1 75	525 00	10
Blacksmiths	3	229	2 66	609 14	9.7
Bundlers	14	268	1 71	458 28	11.2
Carpenters	7	284	2 00	568 00	10
Cleaners	2	190	2 42	459 80	10
Drawers	54	268	2 31	619 08	11.2
Electrician	1	268	2 52	675 36	13
Engineers	12	242	2 20	532 40	11.3
Fence department hands	8	250	1 00	250 00	7
Fireman	1	190	1 50	285 00	10
Foremen	10	224	2 83	633 92	10
Galvanizer	1	190	2 00	380 00	10
Helpers	103	196	1 48	290 08	10
Ironworkers	20	300	2 25	675 00	10
Laborers	47	226	1 42	320 92	9.8
Laborers (boys)	34	249	62	154 38	8.6
Machinists	26	213	2 24	477 12	10
Nail mill workers	106	268	1 87	501 16	11.2
Operators	18	196	2 56	501 76	10
Packers	36	190	1 25	237 50	10
Platers	7	300	2 25	675 00	10
Punchmakers	11	300	2 00	600 00	10
Riddlemakers	3	300	1 75	525 00	10
Shippers	5	274	1 96	537 04	10
Shop hands	25	268	2 33	624 44	11
Shovel department hands	25	250	1 20	300 00	6
Sifters	15	300	1 15	345 00	10
Springmakers	3	300	1 50	450 00	10
Twister	1	280	2 25	630 00	9
Watchmen	2	190	1 50	285 00	10
Weavers	37	212	3 01	638 12	9.7
Wire mill workers	52	300	1 64	492 00	10
Yard hands	9	268	1 70	455 60	10
MISCELLANEOUS—85 ESTABLISHMENTS.					
Apprentice	1	300	1 25	375 00	10
Asbestos workers	6	300	1 50	450 00	10
Assemblers	29	176	1 48	260 48	9.6
Bench hands	4	260	2 00	520 00	10
Blacksmiths	4	266	2 51	667 66	10
Boxmakers	91	293	1 05	307 65	10
Bronzer	1	300	1 00	300 00	10
Buffer	1	216	1 50	324 00	10
Burner	1	240	2 00	480 00	10
Cabinet makers	4	310	2 50	775 00	10
Carpenters	30	208	2 58	536 64	9.7
Casemakers	2	194	1 50	291 00	10
Chemists	4	75	2 50	187 50	12
Coopers	2	75	2 00	150 00	10

TABLE IV*f*—MANUFACTURES—CITIES—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Crayon moulders	14	295	$1 54	$454 30	8
Cutters	8	273	1 58	431 34	10
Draughtsmen	3	308	1 83	563 64	10
Drier	1	218	1 50	327 00	10
Enamelers	114	298	2 00	596 00	9.7
Engineers	27	247	2 30	568 10	10.9
Erectors	11	235	1 90	446 50	9
Fillers	3	293	1 50	439 50	10
Fillet makers	2	300	2 75	825 00	9
Finishers	15	291	1 82	529 62	10
Firemen	11	316	1 86	587 76	10
Fish hook makers	6	299	2 50	747 50	10
Fitter	1	366	2 50	915 00	10
Folder	1	300	2 50	750 00	10
Foremen	15	257	2 54	652 78	9.6
Gilders	2	300	2 25	675 00	10
Heaters	2	366	2 00	732 00	12
Helpers	44	283	1 31	370 73	9.9
Inspectors	2	206	1 50	309 00	8
Joiners	3	247	1 83	452 01	10
Kilnworkers	3	280	1 85	518 00	10
Laborers	600	255	1 51	385 05	9.9
Laborers (boys)	40	269	69	185 61	10
Machine hands	55	275	1 76	484 00	10
Machinists	142	291	2 34	680 94	9.9
Masons	2	218	4 00	872 00	8.5
Mechanics	5	295	2 30	678 50	10
Metal workers	194	309	1 99	614 91	10
Millwrights	2	275	2 37	651 75	10
Packers	20	285	1 60	456 00	10
Painters	14	293	2 05	600 65	10
Patternmakers	4	308	2 62	806 96	10
Platers	12	223	1 52	338 96	9.5
Polishers	28	295	1 86	548 70	9.9
Pressers	5	296	1 20	355 20	10
Punch press hands	35	150	1 75	262 50	10
Reelmakers	13	299	2 00	598 00	10
Saggermaker	1	280	2 00	560 00	10
Shippers	3	285	1 97	561 45	10
Stampers	62	298	1 73	515 54	9.6
Stretchers	4	300	2 25	675 00	10
Stripers	2	300	4 00	1,200 00	10
Sugar boilers	2	75	4 00	300 00	12
Teamsters	8	252	2 41	607 32	10
Tenders	5	293	1 44	421 92	10.8
Tinners	3	267	2 25	600 75	10
Tubemakers	4	280	2 00	560 00	10
Turners	7	296	2 36	698 56	10
Warehouse men	2	306	2 64	807 84	10
Watchmen	8	265	1 41	373 65	10.5
Weavers	10	300	2 00	600 00	10
Wiremen	3	308	3 25	1,001 00	8
Woodworkers	12	299	1 66	496 34	10
Wool grader	1	306	3 00	918 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ADVERTISING NOVELTIES AND SIGNS—10 ESTABLISHMENTS.					
Cleaners	2	305	$1 60	$488 00	9
Folders	3	308	50	154 00	10
Gilders	2	305	1 66	506 30	9
Helpers	30	300	80	240 00	9.6
Laborers	16	290	67	194 30	9
Leather workers	73	295	91	268 25	9
Machine operators	2	308	50	154 00	10
Novelty makers	59	263	73	191 99	8.9
Painters	4	305	2 32	707 60	9
Pasters	25	290	78	226 20	9.4
Pressfeeders	2	308	66	203 28	10
Printers	5	300	75	225 00	9.4
Ruler workers	5	296	1 00	296 00	9
Sample department hands	2	297	1 40	415 80	9
Sewers	14	268	87	233 16	9
Signmakers	24	294	66	194 04	9
Stockkeepers	10	297	65	193 05	9
Woodworkers	10	297	75	222 75	9
AGRICULTURAL IMPLEMENTS—2 ESTABLISHMENTS.					
Ballers	16	240	95	228 00	10
Helpers	42	298	1 11	330 78	9.7
Preparers	5	240	85	204 00	10
Spinners	22	240	1 00	240 00	10
AWNINGS, TENTS AND FLAGS—3 ESTABLISHMENTS.					
Cutter	1	302	1 00	302 00	8.5
Sewers	12	280	85	238 00	9.5
BASKETS—1 ESTABLISHMENT.					
Braiders	4	82	$0 60	$49 20	6
Finishers	2	82	1 00	82 00	9
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—2 ESTABLISHMENTS.					
Assemblers	3	307	1 25	383 75	10
Bag department hands	8	307	1 25	383 75	10
Hairworker	1	307	1 00	307 00	10
Laborers	2	120	1 00	120 00	8
Leather workers	3	269	1 00	269 00	10
Packer	1	307	1 00	307 00	10
BOOTS AND SHOES—13 ESTABLISHMENTS.					
Bottomers	38	279	65	181 35	10
Cutters	20	278	96	266 88	10
Finishers	6	262	93	243 66	10
Fitters	1,291	286	99	283 14	9.7
Helpers	5	281	58	162 98	10
Forelady	1	290	2 50	725 00	10
Machine hands	33	290	93	269 70	10
Packers	131	297	92	273 24	9.6
Shipper	1	275	50	137 50	10
Sole leather hands	14	275	71	195 25	10
Stitchers	3	275	60	165 00	10
Table workers	2	275	60	165 00	10
Treers	16	276	74	184 24	10
BOXES (PAPER)—7 ESTABLISHMENTS.					
Boxmakers	56	304	67	203 68	10
Creasers	2	250	90	225 00	10
Folders	14	250	60	150 00	10
Helpers	28	308	48	147 84	9.4

TABLE IVf—MANUFACTURES—CITIES—Continued.

BOXES (PAPER)—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Labelers	17	310	$ 75	$232 50	9
Machine hands	28	308	96	295 68	9.4
Pressfeeders	11	250	75	187 50	10
Printer	1	250	1 12	280 00	10
Strippers	7	250	60	150 00	10
BOXES (WOODEN)—8 ESTABLISHMENTS.					
Boxmakers	13	240	1 00	240 00	10
Forewoman	1	287	1 25	358 75	10
Labelers	4	112	75	84 00	8
Nailers	16	306	65	198 90	10
Pasters	17	298	74	220 52	9.2
Piece workers	20	287	60	172 20	10
Trimmers	3	307	85	260 95	9
BREAD AND OTHER BAKERY PRODUCTS—49 ESTABLISHMENTS.					
Bakers	8	296	0 88	260 48	8
Bakers' helpers	9	316	71	224 36	9.1
Boxmakers	18	275	1 24	321 00	10
Cakemaker	1	302	83	250 66	10
Candymakers	3	302	65	196 30	10
Clerks	29	319	88	280 72	10
Cooks	10	348	1 05	365 40	9.2
Dish washer	1	312	60	187 20	8
Forewoman	1	273	83	226 59	10
Helpers	3	326	69	224 94	10
Icers	4	280	70	196 00	9
Packers	94	287	68	195 16	9.6
Stripper	1	273	66	180 18	10
BRICK AND TILE—4 ESTABLISHMENTS.					
Assorters	129	304	82	249 28	10
Decorators	12	303	79	239 37	10
Designers	4	304	96	291 84	10
Dippers	44	303	80	242 40	10
Drawers	15	303	1 20	363 60	10
Edgers	8	313	58	181 54	10
Mosaic department hands	13	303	1 20	363 60	10
Pasters	15	305	90	274 50	10
Pressers	137	303	81	245 43	10
Sample department hands	1	305	85	259 25	10
Slip department hands	6	275	1 00	275 00	10
BROOMS AND BRUSHES—8 ESTABLISHMENTS.					
Assorters	39	239	81	193 59	9
Brushmakers	15	300	75	225 00	9
CANNED GOODS—10 ESTABLISHMENTS.					
Assorters	286	71	84	59 64	9.8
Canners	443	254	80	203 20	11.2
Canshop hand	9	256	90	230 40	10
Cappers	3	44	1 00	44 00	10
Feeders	10	52	1 25	65 00	9
Fillers	3	44	1 00	44 00	10
Forewoman	1	316	1 75	553 00	12
Inspector	1	44	1 00	44 00	10
Labelers	56	55	72	39 60	9.3
Laborers	140	200	87	174 00	9.8
Machine hands	8	44	1 00	44 00	10
Salters	4	175	1 50	202 50	9

TABLE IVf—MANUFACTURES—CITIES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
CARRIAGES AND WAGONS—13 ESTABLISHMENTS.					
Seamstress	1	290	$1 25	$262 50	10
Trimmers	46	270	75	202 50	9.7
Upholsterers	2	250	1 00	250 00	10
Winders	6	250	1 00	250 00	10
CARRIAGE AND WAGON MATERIALS—6 ESTABLISHMENTS.					
Forelady	1	288	2 50	720 00	9.5
Laborers	11	299	87	260 13	10
Machine hands	30	288	79	227 52	9.5
Seamstresses	10	300	1 00	300 00	10
Trimmer	1	308	1 33	409 64	10
CASTORS—2 ESTABLISHMENTS.					
Castormakers	2	305	1 33	405 65	10
CHEWING GUM—2 ESTABLISHMENTS.					
Chicle pickers	7	270	65	175 50	10
Machine operators	25	270	86	232 20	10
Rollers	8	270	1 00	270 00	10
Wrappers	25	270	1 00	270 00	10
CHURNS—1 ESTABLISHMENTS.					
Laborers	5	300	60	180 00	10
CIGARS—62 ESTABLISHMENTS.					
Apprentices	2	300	50	150 00	10
Banders	6	272	53	144 16	10
Bunchbreakers	437	286	1 16	331 76	9.8
Bunchers	89	294	88	258 72	9.8
Cigarmakers	184	270	1 03	278 10	8.9
Casers	30	293	53	155 29	10
Forewomen	4	304	1 25	380 00	10
Laborers	10	218	77	167 86	9.5
Packers	124	280	1 00	280 00	9
Rollers	865	280	1 07	299 60	9.8
Sorters	3	304	80	242 40	10
Stemmers	158	293	78	228 54	9.2
Strippers	363	283	57	161 31	9.4
CLOTHING—180 ESTABLISHMENTS.					
Assorters	2	300	75	225 00	9
Boxmakers	3	287	1 05	301 35	9.3
Bushel hand	1	313	1 25	391 25	8
Buttonhole makers	6	257	98	251 96	9
Coatmakers	44	303	1 02	309 06	8.9
Cutter	1	250	1 50	375 00	10
Designer	1	300	1 67	501 00	9.5
Feller	1	15	1 00	15 00	8
Finishers	43	245	96	235 20	9
Floorladies	3	187	1 19	222 53	9
Folders	2	300	75	225 00	9
Forewomen	30	300	1 27	381 00	9.9
Helpers	20	287	1 00	287 00	9.8
Inspectors	4	279	84	234 36	9
Ironers	3	300	1 00	300 00	9
Machine operators	910	293	95	278 35	9.9
Pantsmakers	191	295	1 15	339 25	9.2
Pressers	2	250	80	200 00	10
Seamstresses	146	289	83	239 87	8.4
Shirtmakers	11	266	1 00	266 00	9.6
Skirtmakers	4	299	83	248 17	9
Stock hands	2	270	83	224 10	9

TABLE IVf—MANUFACTURES—CITIES—Continued.

CLOTHING—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Tailoresses	105	285	$1 12	$319 20	9.3
Trimmers	3	300	75	225 00	9
Vestmakers	157	290	1 16	336 40	9.3
COFFEE, BAKING POWDER AND SPICES—3 ESTABLISHMENTS.					
Labeler	1	150	46	69 00	8
Wrappers	4	276	1 00	276 00	9.5
COFFINS AND BURIAL CASES—4 ESTABLISHMENTS.					
Clothworkers	4	296	80	236 80	9
Coverers	8	313	1 10	344 30	10
Metal workers	4	296	1 00	296 00	9
Painters	3	296	75	251 00	9
Robemakers	11	311	97	301 67	9.4
Seamstresses	10	296	1 00	296 00	9.1
CONFECTIONERY—16 ESTABLISHMENTS.					
Candymakers	59	302	91	274 82	9.5
Clerks	9	328	86	282 08	9.5
Dippers	27	287	84	241 08	10
Forewomen	2	323	1 07	344 61	10
Helpers	23	282	57	160 74	10
Saleswomen	7	313	60	187 80	10
Washers	2	365	50	182 50	10
Wrappers	2	300	66	198 00	9.5
COPPER AND BRASS GOODS—1 ESTABLISHMENT.					
Coremakers	9	300	60	180 00	10
Japanners	2	300	1 00	300 00	10
Packers	11	300	75	225 00	10
CORDAGE AND TWINE—2 ESTABLISHMENTS.					
Ballers	4	306	94	287 64	10
Cordage department hands	10	303	1 00	303 00	10
Preparers	4	306	88	269 28	10
Spinners	79	306	1 00	306 00	10
COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—16 ESTABLISHMENTS.					
Basters	6	307	1 00	307 00	10
Beamer	1	310	83	257 30	10
Boxers	6	282	92	259 44	10
Burlers	5	310	1 00	310 00	10
Buttonhole makers	3	307	1 00	307 00	10
Button sewers	3	307	1 00	307 00	10
Carders	5	310	70	217 00	10
Crocheters	6	307	75	230 25	10
Cutters	33	299	99	296 01	10
Drawers	11	306	80	244 80	10
Edgers	6	307	1 25	383 75	10
Facers	5	307	1 50	460 50	10
Finishers	76	303	72	218 16	10
Folders	3	307	1 00	307 00	10
Forewomen	3	305	2 17	661 85	10
Helpers	5	307	1 00	307 00	10
Joiners	20	305	1 57	478 85	10
Knitters	46	287	81	232 47	10
Laborers	47	256	72	184 32	10
Loom fixers	7	307	69	211 83	10
Loopers	9	282	92	259 44	10
Machine operators	203	294	82	241 08	10
Markers	1	307	50	153 50	10
Menders	45	306	76	232 56	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	15	308	$0 60	$184 80	10
Piecers	2	305	58	176 90	10
Pressers	4	307	1 15	353 05	10
Seamers	70	307	1 01	310 07	10
Spinners	30	306	78	238 68	10
Splicers	22	310	1 00	310 00	10
Trimmers	8	307	75	230 25	8
Twisters	14	306	80	244 80	10
Warpers	14	305	84	256 20	10
Weavers	161	289	1 11	320 79	10
Winders	11	305	66	201 30	10
CUTLERY AND EDGED TOOLS—5 ESTABLISHMENTS.					
Assemblers	11	300	75	225 00	9
Decorators	12	289	1 00	289 00	8.3
Laborers	15	306	75	229 50	9.5
Packers	40	306	1 00	306 00	9.5
Printers	6	289	1 12	323 68	9
Wrappers	2	266	75	199 50	10
DAIRY PRODUCTS—1 ESTABLISHMENT.					
Buttermaker	1	365	50	182 50	10
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—15 ESTABLISHMENTS.					
Bottlers	18	307	73	221 19	8 8
Labelers	2	307	75	230 25	9
Laborers	13	285	72	205 20	9.2
Packers	6	301	79	237 79	9.7
ELECTRICAL GOODS AND SUPPLIES—13 ESTABLISHMENTS.					
Bench hands	200	292	1 30	379 60	10
Cappers	5	280	1 18	330 40	10
Electrical workers	5	300	1 00	300 00	9.5
Exhausting-room hands	18	279	1 52	424 08	9.6
Filler	1	280	94	263 20	10
Finishers	14	274	1 31	358 94	9.2
Flangemakers	3	280	1 16	324 80	10
Forewomen	3	284	1 75	497 00	10
Glasscutters	2	280	1 09	305 20	10
Glassroom hands	36	278	1 30	361 40	9.2
Helpers	21	280	90	252 00	10
Inspectors	16	279	1 37	372 23	9.8
Labelers	4	267	1 24	331 08	9.9
Lampmakers	251	257	1 32	339 24	10
Lamp washers	3	280	1 33	372 40	10
Mounters	28	279	1 49	395 71	9.6
Packers	8	295	98	289 10	9.7
Painters	4	280	98	274 40	10
Photo-meter department hands	6	280	1 08	302 40	10
Polishers	2	305	1 13	344 65	9.5
Pumping room hand	1	230	2 00	460 00	9.5
Repairers	4	280	1 42	397 60	10
Sealers	6	280	1 88	526 40	10
Solderers	3	280	1 18	330 40	10
Sorters	15	295	93	274 35	10
Stemmakers	4	280	1 32	369 60	10
Tubulators	5	280	1 50	420 00	10
Winders	9	305	1 15	350 75	9.5
EXTRACTS, TOILET ARTICLES AND PERFUMERY—4 ESTABLISHMENTS.					
Bottlers	7	303	68	206 04	9.7
Finishers	17	290	1 21	350 90	9.7
Glassworkers	9	290	1 17	339 30	9.7
Labelers	14	308	56	172 48	10
Woodworkers	9	290	1 20	348 00	9.7

TABLE IVf—MANUFACTURES—CITIES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
FLOURING-MILL PRODUCTS—4 ESTABLISHMENTS.					
Helper	1	237	$0 85	$201 45	10
Package laborers	200	278	1 00	278 00	10
Pasters	35	275	1 35	371 25	10
FOUNDRY AND MACHINE SHOP PRODUCTS—5 ESTABLISHMENTS.					
Asbestos workers	3	285	1 50	427 50	10
Coremakers	25	277	97	268 69	10
Laborers	10	283	89	251 87	10
Packers	2	286	90	257 40	10
Winders	10	297	1 25	371 25	9.5
FURNITURE—8 ESTABLISHMENTS.					
Caners	45	302	64	193 28	9.4
Finishers	10	260	1 00	260 00	10
Packers	2	277	75	207 75	10
Sewers	3	267	83	221 61	8.7
Upholsterers	8	283	96	271 68	9.3
Wrappers	2	300	60	180 00	8
GAS AND ELECTRICITY—1 ESTABLISHMENT.					
Cleaner	1	365	$1 00	$365 00	10
GLASS AND GLASSWARE—9 ESTABLISHMENTS.					
Cartooners	9	245	90	220 50	10
Cutters	10	247	86	212 42	9.8
Decorators	31	289	71	204 19	10
Engravers	3	277	60	166 20	10
Etchers	10	245	1 33	325 85	10
Finishers	6	245	75	183 75	10
Glassworkers	4	202	84	169 68	8.5
Grinders	19	250	63	157 50	9.8
Laborers	153	294	86	252 84	9.7
Melters	7	245	72	176 40	10
Mould cleaners	5	277	65	180 05	10
Packers	63	244	63	154 72	10
Selectors	36	257	72	185 04	10
Sorters	11	250	1 07	267 50	9.5
Wrappers	13	247	99	244 53	9.8
GLASS WORKS SUPPLIES—2 ESTABLISHMENTS.					
Helpers	7	311	81	251 91	9
Rollworkers	4	310	66	204 60	10
GLOVES AND MITTENS—9 ESTABLISHMENTS.					
Finishers	3	100	75	75 00	10
Forewoman	1	120	1 00	120 00	9
Glovemakers	111	242	80	193 60	9.8
Machine operators	260	294	88	258 72	9.9
Seamstresses	86	199	1 02	202 98	9.7
Turners	9	120	75	90 00	9
HARDWARE—3 ESTABLISHMENTS.					
Decorators	6	308	75	231 00	10
Laborers	34	298	58	172 84	9.9
Lacquerers	4	288	80	230 40	10
Packers	15	308	60	184 80	10
Riveters	8	308	75	231 00	10
HARNESS AND SADDLERY—3 ESTABLISHMENTS.					
Halter makers	24	291	90	261 90	10
Netmakers	9	297	1 00	297 00	10
Padmaker	1	300	50	150 00	8

TABLE IVf—MANUFACTURES—CITIES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
HATS, CAPS AND FURNISHINGS—4 ESTABLISHMENTS.					
Machine operators	116	276	$0 77	$212 52	8.1
HOLLOW WARE—3 ESTABLISHMENTS.					
Dippers	107	275	1 12	308 00	10
Laborers	2	275	50	137 50	10
Packers	10	261	1 06	276 66	10
Stampers	2	300	1 50	450 00	10
Wrappers	17	300	83	249 00	10
ICE (ARTIFICIAL)—1 ESTABLISHMENT.					
Collector	1	200	050	100 00	10
JEWELRY AND WATCHES—3 ESTABLISHMENTS.					
Balance makers	9	276	1 50	414 00	10
Damaskeeners	6	276	1 00	276 00	10
Dialmakers	11	276	2 50	690 00	10
Engraver	6	270	1 10	297 00	10
Escape makers	21	276	1 50	414 00	10
Finishers	65	272	1 82	495 04	10
Gilder	1	276	1 50	414 00	10
Inspectors	3	230	69	158 00	10
Jewelers	42	276	1 89	521 64	10
Jointers	52	265	1 03	272 95	10
Laborers	29	270	1 10	297 00	10
Machine hands	2	270	1 10	297 00	10
Melters	2	270	1 10	297 00	10
Motion makers	14	276	2 50	690 00	10
Pinionmakers	89	276	1 28	353 28	10
Platers	33	273	1 62	442 26	10
Polishers	77	266	1 07	284 62	10
Screwmakers	56	276	1 50	414 00	10
Springmakers	4	230	58	133 40	10
LEATHER AND LEATHER GOODS—1 ESTABLISHMENT.					
Patcher	1	338	75	253 50	9
LIGHTING APPARATUS—1 ESTABLISHMENT.					
Lantern makers	18	277	70	193 90	10
LIME, SAND, CEMENT AND PLASTER—1 ESTABLISHMENT.					
Cooks	2	306	83	253 98	10
LIQUORS (DISTILLED)—2 ESTABLISHMENTS.					
Helpers	2	301	75	225 75	10
Labelers	2	312	90	270 80	10
LIQUORS (MALT)—1 ESTABLISHMENT.					
Bottlers	6	305	65	201 25	10
MACHINERY—2 ESTABLISHMENTS.					
Labelers	2	306	83	253 98	10
Lace weavers	12	306	75	229 50	10
Tippers	6	306	58	177 48	10
Tubers	6	306	66	201 96	10
Wire weavers	10	308	75	231 00	10

TABLE IVf—MANUFACTURES—CITIES—Continued.

MATTRESSES AND PILLOWS—8 ESTABLISHMENTS.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Comfort makers	2	280	$0 75	$210 00	10
Feather department hand	1	280	60	168 00	10
Mattress makers	12	279	1 04	288 16	10
Seamstresses	21	281	0 99	278 19	10
Tickmakers	4	304	1 63	495 52	8.5
Wireworkers	11	280	60	168 00	10
OIL AND GREASE—1 ESTABLISHMENTS.					
Cook	1	365	$1 50	$547 50	9
PAINTS AND VARNISHES—1 ESTABLISHMENTS.					
Cardmakers	2	300	1 00	300 00	10
Labeler	1	300	1 00	300 00	10
PICKLES, PRESERVES AND SAUCES—3 ESTABLISHMENT.					
Fillers	3	160	1 00	160 00	10
Labelers	5	188	1 00	188 00	9.8
Laborers	11	198	71	140 58	10
POTTERY AND STONEWARE—45 ESTABLISHMENTS.					
Art department hands	38	310	1 41	437 10	9.7
Bisque department hands	90	273	95	259 35	9
Brushers	82	268	97	259 96	8.8
Clay workers	124	270	1 98	534 60	8.9
Cutters	2	286	1 00	286 00	9
Decalcamaining workers	80	261	1 01	263 61	9
Decorators	761	281	1 39	390 59	8.8
Decorators' apprentices	40	300	75	225 00	8
Dippers	75	291	1 14	331 74	8.5
Dressers	27	250	99	247 50	9
Fettlers	23	309	1 40	432 60	9
Fillers-in	8	255	1 60	408 00	9
Finishers	125	284	96	272 84	9.5
Gilders	4	266	2 38	633 08	9
Glost hands	74	277	99	274 23	8.7
Ground layer	1	255	2 25	573 75	9
Helpers	128	277	1 04	288 08	9.2
Insulator makers	20	300	75	225 00	9
Jiggermen's helpers	61	271	1 20	325 20	8.8
Jollymen's helpers	8	200	1 75	350 00	9
Kiln drawers	44	295	99	292 05	8.5
Laborers	45	269	95	255 55	9.2
Selectors	80	300	1 00	300 00	9
Spongers	2	300	1 50	450 00	9
Stampers	1	286	1 50	429 00	9
Transferers	22	253	1 77	442 50	9
Trimmers	30	300	80	240 00	10
Tubeworkers	15	302	1 00	302 00	9
Turner	1	306	1 50	459 00	9
Warehouse helpers	288	272	1 05	285 60	8.9
Waremakers	5	300	1 50	450 00	9.5
Ware washer	1	240	85	204 00	10
POTTERS' SUPPLIES—3 ESTABLISHMENTS.					
Laborers	4	315	1 25	353 75	8
Stiltmakers	39	293	1 23	360 39	8.2
PRINTING AND BINDING—172 ESTABLISHMENTS.					
Apprentices	11	318	58	184 44	9
Binders	420	315	77	242 55	9.1
Clippers	5	300	75	225 00	10
Collectors	2	309	1 00	309 00	9

TABLE IVf—MANUFACTURES—CITIES—Continued.

PRINTING AND BINDING—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Compositors	308	303	$1 04	$316 12	9.2
Copyholders	6	310	60	186 00	8.5
Cutters	2	300	1 00	300 00	9
Editors' assistants	18	310	94	291 40	8.6
Engraver	1	317	1 00	317 00	8
Folders	63	304	89	270 56	9.1
Forewomen	2	305	88	268 40	10
Gummers	8	306	80	244 80	9
Helpers	11	306	84	257 04	9
Laborers	15	304	78	237 12	9
Machine operators	46	307	1 06	325 42	9.6
Pressfeeders	110	306	83	253 98	9.3
Proofreaders	19	312	1 44	449 28	8.3
Reporters	21	309	1 31	404 79	8.2
Sewers	10	286	67	191 62	9.9
Shippers	2	317	1 00	317 00	9
Straightener	1	300	75	225 00	8
Subscription clerks	82	308	1 00	308 00	9
Turners	6	300	88	264 00	10
ROOFING (IRON, STEEL AND TIN)—1 ESTABLISHMENT.					
Solderers	3	305	1 25	381 25	10.5
RUBBER GOODS—12 ESTABLISHMENTS.					
Curer	1	294	1 10	323 40	10
Drillworkers	20	284	1 40	397 60	10
Laborers	438	304	1 19	371 76	10.4
Packers	2	302	75	226 50	10
Pinchers	17	260	1 30	338 00	9
Polishers	23	260	1 30	338 00	9
Press workers	17	300	1 25	375 00	10
Rubber workers	143	301	1 02	307 02	10.3
Tire builders	54	300	1 40	420 00	10
Vulcanizers	3	308	73	224 84	10
RUGS AND CARPET CLEANING—2 ESTABLISHMENTS.					
Sewers	4	265	90	238 50	10
SASH, DOORS, LUMBER AND INTERIOR FINISH—3 ESTABLISHMENTS.					
Enamelers	12	295	75	221 25	9
Finishers	2	290	70	203 00	9
Helpers	2	139	50	69 50	9
Wire cloth workers	12	139	75	104 25	9
SOAP, CANDLES AND TALLOW—4 ESTABLISHMENTS.					
Laborer	1	350	50	175 00	10
Wrappers	9	201	83	166 83	8.9
SODA AND MINERAL WATERS—2 ESTABLISHMENTS.					
Bottle washer	1	310	50	155 00	8
Labeler	1	313	1 25	391 25	10
STEEL, IRON AND TIN—5 ESTABLISHMENTS.					
Assorters	112	261	1 26	326 86	10
Counters	8	246	1 23	302 58	10
Openers	5	300	1 25	375 00	8
STONE (CUT, SAWED AND ARTIFICIAL)—1 ESTABLISHMENT.					
Laborer	1	300	2 00	600 00	9

TABLE IVf—MANUFACTURES—CITIES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
STRAWBOARDS AND PAPER—14 ESTABLISHMENTS.					
Assorters	178	306	$0 93	$284 58	10
Balers	2	311	1 37	426 07	10
Counters	11	291	94	273 54	9.7
Cutters	18	252	90	226 80	11.3
Finishers	17	294	85	249 90	9.9
Forewomen	3	308	1 30	400 40	9.7
Helpers	135	300	70	210 00	9.9
Inspectors	3	305	1 50	457 50	10
Machine tenders	2	100	75	75 00	10
Pasters	2	100	75	75 00	10
Printers	5	305	85	259 25	10
Rag sorters	63	300	99	297 00	9.5
Sackmakers	21	305	86	262 30	10
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—9 ESTABLISHMENTS.					
Dippers	25	300	1 00	300 00	9
Drafting room hand	1	300	1 20	360 00	9
Helpers	88	307	68	208 76	9.9
Machine operators	65	316	85	268 60	10
Packers	16	316	63	199 08	10
Painters	16	315	84	264 60	10
Press operators	63	316	90	294 40	10
Solderers	28	300	1 14	342 00	10
Tinners	25	209	88	183 92	9.2
TOBACCO (CHEWING AND SMOKING)—6 ESTABLISHMENTS.					
Dresser	1	295	1 00	295 00	9
Machine room hands	99	306	1 07	327 42	10
Packers	171	304	1 35	350 40	9.4
Press hands	16	306	1 01	309 06	10
Sizers	35	300	90	270 00	9
Spreader	1	295	1 00	295 00	9
Spriggers	55	310	75	232 50	10
Stampers	10	306	1 31	400 86	10
Taggers	24	306	92	281 52	10
TOOLS—2 ESTABLISHMENTS.					
Finishers	7	307	1 00	307 00	10
Laborers	3	305	1 00	305 00	9
WHIPS—1 ESTABLISHMENT.					
Whipmakers	32	267	70	186 90	10
WIRE RODS, WIRE CLOTH AND WIRE GOODS—4 ESTABLISHMENTS.					
Bird cage makers	6	300	0 65	195 00	10
Bundlers	15	268	86	230 48	11.2
Sifters	20	300	80	240 00	10
Weavers	4	300	69	207 00	10
Winder	1	308	66	203 28	8
Wireworkers	10	300	65	195 00	10
MISCELLANEOUS—39 ESTABLISHMENTS.					
Assemblers	2	240	63	151 20	10
Binders	2	250	1 75	437 50	10
Cap cutters	6	216	65	140 40	10
Cap pasters	3	216	75	162 00	10
Cap setter	1	216	1 00	216 00	10
Cleaners	6	266	1 01	268 66	10
Coverers	20	315	85	267 75	9.5
Dippers	65	290	1 10	319 00	10
Edgers	5	240	1 25	300 00	10

TABLE IVf—MANUFACTURES—CITIES—Concluded.

MISCELLANEOUS—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Elastic makers	7	240	$75	$180 00	10
Enamelers	30	304	1 75	532 00	9
Etchers	3	310	1 25	387 50	8
Facers	8	240	1 50	360 00	10
Fillers	13	281	81	276 61	10
Filler makers	8	277	75	207 75	10
Finishers	25	297	82	243 54	9.6
Forewomen	3	273	1 30	354 90	10
Helpers	2	300	50	150 00	9
Laborers	160	286	91	260 26	9.8
Machine operators	28	303	97	293 91	9.8
Machine operators' helpers	3	305	83	253 15	10
Marble makers	17	240	1 15	276 00	8
Maskmakers	30	300	80	240 00	10
Matmakers	3	300	80	240 00	10
Packers	94	275	76	209 00	9.4
Painters	7	300	93	279 00	10
Pasters	4	136	55	74 80	9.5
Seamstresses	56	294	88	259 02	9.9
Setter workers	5	280	1 15	322 00	10
Slipmakers	3	280	1 00	280 00	10
Trimmers	9	262	70	183 40	10
Tube rollers	5	293	75	219 75	10
Twisters	14	266	65	146 30	10
Warpers	29	266	83	220 78	10
Weavers	134	276	89	245 64	10
Winders	23	266	54	143 64	10
Wrappers	16	303	50	151 50	9.5

TABLE IV*ff*—MANUFACTURES—CITIES.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Agricultural implements	Blacksmith	1	25	.....
" "	Machinist	1	25	.....
Bicycles, bicycle sundries & automobiles	Blacksmiths	2	8	.....
" " "	Braziers	3	.....	20
" " "	Clubmakers	3	.....	8.3
" " "	Finishers	5	20	.....
" " "	Machinists	18	8	.....
" " "	Machinists	4	.....	17
" " "	Painters	2	8	.....
" " "	Platers	2	.....	8.3
" " "	Trimmers	2	8	.....
" " "	Woodworkers	6	8	.....
Boilers, engines and tanks	Apprentices	10	7	.....
" "	Blacksmith	1	7	.....
" "	Blacksmith	1	.....	10
" "	Blacksmiths' helpers	6	.....	14
" "	Boilermakers	14	.....	10
" "	Boilermakers' helpers	20	.....	10
" "	Coremakers	6	.....	8
" "	Craneman	1	.....	10
" "	Cupola tender	2	5	.....
" "	Electrician	1	.....	10
" "	Engineer	1	.....	10
" "	Fireman	1	.....	10
" "	Flanger	1	.....	10
" "	Flangers' helpers	2	.....	10
" "	Heater boys	3	.....	10
" "	Laborers	14	8.1	.....
" "	Laborers	76	.....	11.8
" "	Layer-out	1	.....	10
" "	Machinists	18	14	.....
" "	Machinists	47	.....	8.8
" "	Machinists' helpers	13	.....	2
" "	Moulders	45	.....	19.9
" "	Toolmakers	2	5	.....
Boots and shoes	Cutters	10	12	.....
" "	Lasters	9	30	.....
" "	Stockkeepers	6	14	.....
Bread and other bakery products	Apprentice	1	25	.....
" " "	Bakers	11	14	.....
" " "	Drivers	4	7	.....
" " "	Driver	1	.....	14
" " "	Helpers	2	12.5	.....
Brick and tile	Assorters	22	3	.....
"	Bricklayers	2	3	.....
"	Burners	3	3	.....
"	Carpenters	3	3	.....
"	Clay miners	15	6	.....
"	Coopers	6	3	.....
"	Decorators	4	3	.....
"	Designers	4	3	.....
"	Drawers	55	3	.....
"	Engineers	6	3	.....
"	Engineer	1	.....	8
"	Fireman	1	.....	7.5
"	Foreman	1	12	.....
"	Grinders	13	3	.....
"	Kiln men	6	3	.....
"	Laborers	21	7.2	.....
"	Machinists	8	3	.....
"	Mounters	9	3	.....
"	Packers	20	3	.....
"	Pressers	47	3	.....
"	Saggermakers	7	3	.....
"	Slipmakers	16	3	.....
"	Temperer	1	20	.....
"	Wheelers	3	.....	7.5
Canned goods	Canners	337	7	.....
"	Canners (boys)	156	13.4	.....
Carriages and wagons	Blacksmiths	14	10.9	.....
" "	Blacksmiths' helpers	7	24	.....
" "	Carpenter	1	12.5	.....
" "	Engineer	1	10	.....
" "	Painters	18	15	.....

TABLE IVff—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Carriages and wagons—Concluded	Painters' helper	1	20	.....
" "	Shippers	2	10	.....
" "	Trimmers	6	12.5	.....
" "	Trimmers' helpers	2	15	.....
" "	Turner	1	20	.....
" "	Woodworkers	14	12	.....
" "	Woodworkers' helpers	1	25	.....
Carriage and wagon materials	Belters	3	5	.....
" "	Bodymakers	28	10	.....
" "	Engineers	10	10	.....
" "	Hammermen	2	8	.....
" "	Laborers	39	5.8	.....
" "	Machine hands	10	10	.....
" "	Machinists	12	6.3	.....
" "	Press hands	4	7	.....
" "	Steel workers	3	7	.....
" "	Watchman	1	6	.....
" "	Woodworkers	10	25	.....
Cars and car furnishings	Air-brake men	2	.....	11
" "	Blacksmiths	4	.....	18
" "	Engineers	2	.....	5
" "	Foremen	3	2	.....
" "	Machine hands	9	.....	35.2
" "	Painters	5	.....	12.5
" "	Watchmen	2	.....	33
Chewing gum	Engineer	1	14	.....
"	Mixer	1	14	.....
"	Packer	1	14	.....
Cigars	Casers	7	18	.....
"	Bunchers	4	7	.....
"	Helpers	2	32	.....
"	Packers	5	6	.....
"	Rollers	8	9	.....
Clothing	Apprentice	1	10	.....
"	Baster	1	.....	24
"	Coatmakers	3	15	.....
"	Cutters	3	5	.....
"	Cutters	2	.....	11
"	Tailors	3	12.3	.....
Confectionery	Candymaker	1	.....	6
"	Driver	1	20	.....
"	Helper	1	20	.....
"	Ice cream maker	1	50	.....
Cooperage	Coopers	5	3	.....
Copper and brass goods	Blacksmith	1	20	.....
" "	Coppersmiths	7	12.7	.....
" "	Laborers	3	7.5	.....
" "	Machinists	2	10	.....
Cordage and twine	Ballers	54	5	.....
" "	Carpenters	6	.....	7
" "	Foremen	14	5	.....
" "	Machinists	25	.....	15.6
" "	Preparers	232	4	.....
Cotton & woolen goods (knit & woven)	Carders	4	5	.....
" " "	Drawer	1	4	.....
" " "	Dyers	2	.....	30
" " "	Finishers	22	5	.....
" " "	Picker	1	6	.....
" " "	Loom fixers	2	.....	11
" " "	Oilers	4	3	.....
" " "	Shipper	1	.....	3
" " "	Spinners	2	.....	2
" " "	Warpers	8	.....	8
" " "	Weavers	2	5	.....
" " "	Weavers	5	.....	39.3
Drugs chemicals & druggists' sundries	Firemen	2	5	.....
" "	Grinders	3	14	.....
" "	Shipper	1	25	.....
Electrical goods and supplies	Dynamo hands	3	15	.....
" "	Engineer	1	.....	14
" "	Fireman	1	.....	12.5
" "	Helpers	3	10	.....
" "	Machinists	7	10.2	.....
" "	Mi l men	4	10	.....

TABLE IVff—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Flouring mill products	Engineers	4	8.5	.....
" "	Firemen	2	.....	7.6
" "	Helpers	13	17	.....
" "	Laborers	3	20	.....
" "	Millers	16	19.7	.....
" "	Millers	3	.....	14
" "	Millwright	1	16.4	.....
" "	Packers	2	16.7	.....
" "	Teamsters	6	18	.....
" "	Weighmaster	1	11	.....
Foundry and machine shop products	Apprentices	12	9.9	.....
" " "	Apprentices	3	.....	20.3
" " "	Coremakers	3	7.9	.....
" " "	Coremakers	6	.....	5
" " "	Enameler	1	20	.....
" " "	Engineers	2	6	.....
" " "	Erectors	5	5	.....
" " "	Firemen	2	7	.....
" " "	Foremen	5	2	.....
" " "	Foremen	6	.....	9
" " "	Grinders	8	20	.....
" " "	Hammermen	24	9	.....
" " "	Helpers	2	.....	16
" " "	Laborers	154	10.5	.....
" " "	Laborers	92	.....	8.9
" " "	Machine hands	11	11	.....
" " "	Machinists	69	16.5	.....
" " "	Machinists	116	.....	4.3
" " "	Moulders	127	8.8	.....
" " "	Moulders	124	.....	6
" " "	Patternmakers	10	.....	9
" " "	Platers	6	10	.....
" " "	Plumbers	2	.....	20
" " "	Polishers	14	15	.....
" " "	Tinners	8	10	.....
" " "	Trimmers	6	2	.....
Furniture	Cabinet makers	7	5	.....
"	Chairmakers	12	5	.....
"	Engineers	2	5	.....
"	Finishers	22	5	.....
"	Laborers	12	5	.....
"	Machine hands	92	5	.....
"	Machinists	4	10	.....
"	Packers	27	5	.....
"	Painters	3	.....	10
"	Shippers	6	5	.....
"	Teamsters	6	5	.....
"	Upholsterers	6	6.7	.....
"	Varnisher	1	25	.....
"	Watchman	1	5	.....
"	Woodworkers	6	10	.....
Gas and electricity	Electricians	2	10.6	.....
" "	Engineers	11	13.4	.....
" "	Engineers	2	.....	19.5
" "	Firemen	9	13.5	.....
" "	Foreman	1	11	.....
" "	Lineman	1	11	.....
" "	Meter men	2	13	.....
" "	Service man	1	.....	16.7
" "	Trimmers	2	14.5	.....
Glass and glassware	Blacksmiths	2	.....	40
" "	Blowers	76	.....	19.2
" "	Bulb weighers	2	10	.....
" "	Cutters	78	....	9.9
" "	Flatteners	18	.....	13.4
" "	Furnace men	5	17	.....
" "	Gatherers	76	.....	19.2
" "	Grinders	12	16	.....
" "	Inspectors	2	5	.....
" "	Laborers	11	5	.....

TABLE IVff—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Glass and glassware	Laborers (boys)	80	23.7	.....
" "	Packers	4	37	.....
Gunpowder and other explosives	Hostlers	1	33	.....
" " "	Shooters	7	25	.....
" " "	Stock haulers	2	10	.....
Handles	Fireman	1	25	.....
"	Laborers	14	15	.....
"	Sawyers	2	25	.....
Hardware	Moulders	36	5	.....
"	Packers	15	5	.....
Harness and saddlery	Apprentices	7	10	.....
" "	Cutters	6	10	.....
" "	Foreman	1	10	.....
" "	Harnessmakers	55	10	.....
" "	Machine men	6	10	.....
Hats, caps and furnishings	Cutter	1	12.5	.....
Ice (artificial)	Engineer	1	20	.....
Iron (structural and architectural)	Apprentice	1	20	.....
" " "	Blacksmiths	2	10	.....
" " "	Erectors	3	10	.....
" " "	Ironworkers	6	10	.....
" " "	Layer-out	1	10	.....
" " "	Machinists	3	10	.....
Leather and leather goods	Beltmakers	14	.....	5
" "	Curriers	10	.....	4
" "	Engineer	1	.....	10
" "	Firemen	2	15	.....
" "	Riveter	1	.....	3
" "	Shaver	1	20	.....
" "	Shippers	2	.....	5
" "	Stretchers	3	.....	15
" "	Tanners	4	8	.....
" "	Trimmer	1	.....	6
Lighting apparatus	Laborers	4	9	.....
"	Machinists	5	2.8	.....
Lime, sand, cement and plaster	Laborers	15	.....	5.5
" "	Miners	53	.....	5.6
Liquors (malt)	Bottlers	2	16.6	.....
"	Cellar man	1	10	.....
"	Drivers	16	5.6	.....
"	Engineers	2	20	.....
"	Kettle man	1	10	...
"	Laborers	8	8	.....
Lithographing, engraving & electrot'ng	Apprentices	3	46.6	.....
" " "	Printers	2	20	.....
" " "	Routers	2	5	.....
Machinery	Apprentices	45	12.7	.....
"	Apprentices	15	.....	13
"	Blacksmiths	22	7.2	.....
"	Blacksmiths	14	.....	4.4
"	Blacksmiths' helpers	47	7.9	.....
"	Blacksmiths' helpers	28	.....	8.5
"	Boilermakers	3	3	.....
"	Boilermakers	3	.....	10
"	Carpenters	2	5	.....
"	Crane men	7	.....	6
"	Draughtsmen	2	.....	5.3
"	Engineers	4	.....	7.9
"	Electricians	2	.....	9.5
"	Firemen	2	.....	2.9
"	Fitters	2	10	.....
"	Foremen	49	3.7	.....
"	Foundry men	22	.....	7.5
"	Helpers	13	3	.....
"	Helpers	85	.....	4.9
"	Laborers	60	4.5	.....
"	Laborers	35	.....	9
"	Machinists	10	5	.....
"	Machinists	120	.....	5.6
"	Moulders	84	3.4	.....
"	Moulders	11	.....	2
"	Moulders' helpers	4	5	.....
"	Painters	3	7.5	.....

TABLE IV*ff*—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Machinery	Painter	1	.....	5
"	Patternmakers	3	.....	9.9
"	Teamster	1	5	.....
"	Watchmen	3	.....	18
Mattresses and pillows	Mattressmakers	11	8.7	.....
Oil and grease	Acidworkers	10	.....	10
"	Boilermakers	82	.....	10
"	Laborers	91	.....	3
"	Machinists	12	.....	12.5
Pianos and other musical instruments	Bellyers	2	50	....
" " "	Cabinet makers	3	15	.....
" " "	Casemakers	3	9	.....
" " "	Finishers	5	29.6	.....
" " "	Gluer	1	25	.....
" " "	Tuner	1	16.6	.....
Pottery and stoneware	Clayworkers	22	10	.....
" "	Engineers	7	9.8	.....
" "	Laborers	20	17	.....
" "	Machinist	1	12.5	.....
" "	Saggermakers	5	30	.....
Printing and binding	Apprentices	15	22.2	.....
" "	Apprentices	5	.....	21.5
" "	Binder	1	5	.....
" "	Binders	2	.....	16
" "	Compositors	88	13.8	.....
" "	Cutter	1	8	.....
" "	Editors	3	11.3	.....
" "	Foremen	13	13.5	....
" "	Helper	1	.....	50
" "	Linotype operators	14	8.3	.....
" "	Packers	2	28	.....
" "	Pressfeeders	8	10.6	.....
" "	Pressmen	23	9.7	.....
" "	Pressmen	6	.....	18.2
" "	Reporters	16	16.1	.....
" "	Reporters	2	.....	20
" "	Ruler	1	6	.....
" "	Solicitors	2	25	.....
" "	Stereotypers	4	13.7	.....
Roofing (iron, steel and tin)	Sheet metal workers	15	2.3	.....
" "	Tinners	28	5	.....
Rubber goods	Heater workers	22	5	.....
"	Inspectors	3	.....	11
"	Laborers	1,281	5	.....
"	Machinists	2	.....	5
"	Mill men	8	7.5	.....
"	Packers	3	15	.....
"	Preparers	12	6.5	.....
"	Rubber workers	45	10	.....
"	Shippers	3	4	.....
"	Weighers	1	.....	12.5
Sash, doors, lumber and interior finish	Carpenters	22	7.6	.....
" " "	Craters	2	10	.....
" " "	Engineers	2	12.5	.....
" " "	Finishers	4	12.6	.....
" " "	Fireman	1	15	.....
" " "	Gluer	1	12.6	.....
" " "	Helpers	14	10.4	.....
" " "	Laborers	12	6.2	.....
" " "	Laborers	20	.....	10
" " "	Machine hands	20	6.8	.....
" " "	Machinists	17	10	.....
" " "	Machinists	50	.....	10
" " "	Mill hands	29	10.6	...
" " "	Sawyers	4	17	.....
" " "	Teamsters	2	.....	10
Soap, candles and tallow	Tank men	4	10	.....
" "	Teamsters	3	10	.....
Soda and mineral waters	Bottle washers	4	10	.....
" "	Drivers	2	10	.....
" "	Laborers	6	10	.....
" "	Watchman	1	10	.....
Steel, iron and tin	Annealers	64	.....	8.8
" "	Apprentices	15	.....	12.5
" "	Bar mill men	101	.....	3

TABLE IV*ff*—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Steel, iron and tin	Blacksmiths	76	.....	9
" "	Blacksmiths' helpers	12	.....	11.7
" "	Blooming department hands	80	.....	5
" "	Boilermakers	34	.....	10.4
" "	Boilermakers' helpers	6	.....	12.5
" "	Boiler tenders	280	.....	4
" "	Bundlers	4	.....	12.5
" "	Cagers	4	.....	11
" "	Carpenter	1	10	.....
" "	Carpenters	111	.....	9
" "	Casthouse men	10	.....	10
" "	Catchers	167	.....	14.6
" "	Cinder men	17	.....	10.8
" "	Cold rollers	22	20	.....
" "	Converting department hands	157	.....	2
" "	Crane men	18	.....	11.8
" "	Die hands	11	.....	12
" "	Dippers	17	.....	12.5
" "	Doublers	169	.....	7.4
" "	Drag-outs	2	.....	12
" "	Electricians	3	10	.....
" "	Electricians	140	.....	8
" "	Engineers	2	5.5	.....
" "	Engineers	174	.....	9
" "	Fillers	86	.....	10.5
" "	Finishers	2	.....	6
" "	Firemen	3	10	.....
" "	Firemen	118	.....	9
" "	Fitter	1	10	.....
" "	Fitters	21	.....	10.3
" "	Foreman	1	20	.....
" "	Foremen	49	.....	12.2
" "	Furnace men	505	.....	8.5
" "	Gasmakers	68	.....	8.4
" "	Grinders	4	20	.....
" "	Heaters	67	7.5	.....
" "	Heaters	220	.....	10.1
" "	Helpers	667	.....	5.4
" "	Hook-ups	6	.....	12
" "	Hot blast men	283	.....	10
" "	Inspectors	26	.....	12.5
" "	Iron carriers	102	.....	7.5
" "	Keepers	8	.....	10.5
" "	Laborers	93	15	.....
" "	Laborers	5,289	.....	8.1
" "	Ladle men	2	.....	10
" "	Loaders	112	.....	10.2
" "	Machinists	13	10.3	.....
" "	Machinists	130	.....	9.9
" "	Masons	37	.....	11.1
" "	Mechanics	213	.....	6.2
" "	Millwrights	51	.....	11.1
" "	Moulders	51	.....	7.1
" "	Openers	52	.....	2
" "	Oremen	12	.....	10
" "	Patternmakers	4	.....	12.5
" "	Picklers	20	2	.....
" "	Picklers	46	.....	6.6
" "	Puddlers	315	.....	4.6
" "	Riggers	36	.....	10.4
" "	Rollers	270	.....	11.1
" "	Roll hands	182	.....	8
" "	Roll turners	7	7.2	.....
" "	Roll turners	50	.....	6
" "	Roughers	57	.....	4.2
" "	Scrappers	27	.....	12.2
" "	Screw boys	123	.....	3.7
" "	Shearmen	31	3.3	.....
" "	Shearmen	372	.....	8.4
" "	Shippers	3	.....	12.5
" "	Shovers-up	8	.....	12.5

TABLE IVff—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Steel, iron and tin	Steel workers	478	.....	10
" "	Stockkeepers	8	.....	10.5
" "	Stove tenders	4	.....	10
" "	Straighteners	124	.....	4
" "	Stranders	4	.....	6
" "	Testers	35	.....	12.5
" "	Unloaders	66	.....	10
" "	Watchmen	3	.....	10.3
" "	Water tenders	49	.....	12.1
" "	Welders	21	.....	12.5
" "	Wipers	6	.....	10
" "	Wireworkers	22	.....	10
Stoves, ranges and furnaces	Apprentices	15	7	.....
" "	Cleaners	2	10	.....
" "	Cupola tender	1	.....	12.5
" "	Furnace men	6	15	.....
" "	Laborer	1	20	.....
" "	Polishers	10	8	.....
" "	Rangemakers	2	.....	25
" "	Watchman	1	20	.....
Strawboards and paper	Back tenders	17	8.4	.....
" "	Beater men	2	5	.....
" "	Blacksmith	1	.....	10
" "	Carpenters	4	7	.....
" "	Cutter boys	8	26.5	.....
" "	Engineer	1	12	.....
" "	Engineers	4	.....	18.5
" "	Finishers	11	5.6	.....
" "	Fitters	3	.....	3.5
" "	Laborers	2	6	.....
" "	Lime slackers	2	3	.....
" "	Loaders	2	8	.....
" "	Machinists	5	.....	9
" "	Machine tenders	3	13	.....
" "	Machine tenders	7	.....	2
" "	Millwrights	10	5	.....
" "	Repair men	7	14	.....
" "	Roll boys	8	20	.....
" "	Rotary men	2	5	.....
" "	Teamsters	25	15	.....
" "	Tenders	12	.....	10
Tinware, sheet-iron and galv.-iron ware	Laborers	7	5.2	.....
" " "	Metal workers	24	.....	12
Tools	Apprentices	19	.....	10
"	Blacksmiths	11	.....	10
"	Blacksmiths' helpers	13	.....	10
"	Carpenters	9	.....	10
"	Coremakers	21	.....	10
"	Crane men	9	.....	10
"	Draughtsmen	28	.....	10
"	Electricians	2	.....	10
"	Engineers	4	.....	10
"	Firemen	6	.....	10
"	Laborers	22	10	.....
"	Laborers	94	.....	10
"	Machinists	278	.....	9.6
"	Millwrights	6	.....	10
"	Moulders	18	5	.....
"	Moulders	34	.....	10
"	Moulders' helpers	31	.....	10
"	Oilers	2	.....	10
"	Patternmakers	26	.....	10
"	Painters	8	.....	10
Miscellaneous	Boxmakers	18	10	.....
"	Bronzer	1	.....	20
"	Engineers	3	.....	13.3
"	Fireman	1	12	.....
"	Gilders	2	12	.....
"	Helpers	2	25	.....
"	Laborers	13	6	.....
"	Laborers	6	.....	10
"	Machinists	53	21.8	.....

TABLE IVff—MANUFACTURES—CITIES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Miscellaneous	Machinists	10	.....	5
"	Mechanics	1	20	.....
"	Metal workers	169	5	.....
"	Millwright	1	20	.....
"	Painters	5	.....	10
"	Platers	3	4.7	.....
"	Polishers	6	1	.....
"	Teamster	1	20	.....
"	Torpedo makers	3	5	.....
"	Turners	2	.....	10
"	Woodworkers	16	3.5	.....
Totals and averages	.....	5,499	8.2	.....
		14,485	.....	8.3

TABLE IV*ff*—MANUFACTURES—CITIES—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Advertising novelties and signs	Laborers	8	10	.....
Boots and shoes	Fitters	183	5.3	.....
" "	Packers	36	14	.....
Bread and other bakery products	Dishwasher	1	20	.....
Brick and tile	Assorters	52	5.3	.....
"	Decorators	12	3	.....
"	Dippers	44	3	.....
"	Drawers	15	3	.....
"	Laborers	15	12	.....
"	Mounters	13	3	.....
Canned goods	Assorters	125	8	.....
"	Canners	254	15	.....
Carriages and wagons	Seamstress	1	12.5	.....
Cigars	Cigarmakers	125	66.3	.....
"	Packers	10	20	.....
"	Strippers	2	10	.....
Clothing	Finisher	1	25	.....
"	Finishers	11	.....	31.4
"	Seamstresses	22	10	.....
"	Tailoresses	3	5.3	.....
Confectionery	Helpers	4	8	.....
Cotton and woolen goods (knit and woven)	Carders	5	5	.....
" " "	Drawers	11	3	.....
" " "	Finishers	20	5	.....
" " "	Pickers	23	2	.....
" " "	Spinners	25	6.7	.....
" " "	Twisters	14	6.7	.....
" " "	Weavers	26	7.3	.....
" " "	Weavers	42	.....	20
Drugs, chemicals & druggists' sundries	Packers	3	15	.....
Electrical goods and supplies	Glassworkers	36	.....	10
" "	Lampmakers	59	25	.....
" "	Mounters	13	.....	5
Glass and glassware	Cartooners	9	10	.....
" "	Cutters	5	7	.....
" "	Cutters	5	.....	4.3
" "	Etchers	10	34	.....
" "	Grinders	9	8	.....
" "	Sorters	11	.....	13.8
" "	Wrappers	13	22	.....
Hats, caps and furnishings	Machine operators	12	10	.....
Jewelry and watches	Finishers	6	13	.....
" "	Inspectors	3	13	.....
" "	Jointers	7	13	.....
" "	Polishers	8	13	.....
" "	Springmakers	4	13	.....
Mattresses and pillows	Mattress makers	3	8	.....
Pottery and stoneware	Brushers	5	12.5	.....
" "	Dressers	5	12.5	.....
Printing and binding	Binders	9	9.5	.....
" "	Compositors	26	14	.....
" "	Laborers	6	20	.....
" "	Linotype operators	7	14.6	.....
" "	Pressfeeders	5	13.4	.....
" "	Proofreader	1	29	.....
Rubber goods	Laborers	387	8	.....
Strawboards and paper	Cutter girls	4	10	.....
" "	Finishers	16	3	.....
Tobacco (chewing and smoking)	Packers	5	25	.....
" " "	Spreaders	1	10	.....
Miscellaneous	Seamstresses	11	5	.....
"	Torpedo makers	12	8	.....
Totals and averages		1,701	14	.....
		118	.....	15.1

TABLE IVg—MANUFACTURES—VILLAGES.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ADVERTISING NOVELTIES AND SIGNS—2 ESTABLISHMENTS.					
Compositor	1	300	$1 25	$375 00	10
Engineer	1	300	1 00	300 00	10
Painters	10	300	3 00	900 00	9
Pressman	1	300	1 25	375 00	10
AGRICULTURAL IMPLEMENTS—19 ESTABLISHMENTS.					
Apprentices	3	288	91	262 08	8.5
Assemblers	7	141	1 57	221 37	10
Blacksmiths	31	285	1 69	481 65	9.9
Brushmaker	1	250	1 75	437 50	10
Carpenters	26	264	1 93	509 52	10
Coremakers	4	312	1 68	524 16	9.7
Cupola tenders	2	282	1 00	282 00	8
Draughtsman	1	300	1 75	525 00	10
Drillers	2	300	1 50	450 00	10
Engineers	10	265	2 12	561 80	10
Ferule department hands	5	299	1 57	469 43	9
Firemen	2	275	1 37	376 75	10
Forge department hands	3	300	2 00	600 00	10
Foremen	7	280	2 42	677 60	9.7
Grinders	35	297	2 27	674 19	9.1
Handle department hands	6	299	1 50	448 50	10
Helpers	10	257	1 25	321 25	9.5
Laborers	316	300	1 37	411 00	9.9
Laborer (boy)	1	282	60	169 20	9
Machine hands	60	300	2 03	609 00	9.3
Machinists	89	279	1 95	488 25	9.7
Malleable workers	12	300	1 10	330 00	10
Mechanics	2	220	1 50	330 00	10
Moulders	120	298	2 23	664 54	9.5
Mounters	3	282	1 80	507 60	10
Painters	38	282	1 60	431 20	9.8
Patternmakers	4	299	2 37	708 63	10
Polishers	21	300	1 67	501 00	10
Shipping clerks	5	296	1 80	532 80	10
Teamster	1	210	1 50	315 00	9
Temperers	6	299	3 12	933 88	9
Tinner	1	250	1 67	317 50	10
Watchmen	3	275	1 61	442 75	10.6
Woodworkers	40	288	1 61	463 68	9.8
BASKETS—8 ESTABLISHMENTS.					
Basketmakers	109	260	1 44	374 40	10
Benders	4	162	2 07	335 34	10
Cratemakers	4	295	2 00	590 00	10
Engineers	2	123	2 25	276 75	10
Firemen	2	155	1 57	243 35	9.5
Foremen	2	123	2 00	246 00	10
Handlers	2	162	2 40	388 80	10
Handlemakers	15	300	1 35	405 00	10
Laborers	57	151	1 30	196 30	9.9
Laborers (boys)	5	295	50	147 50	10
Machine hands	3	295	1 25	359 75	10
Nailers	31	226	1 47	332 22	9
Sawyers	2	123	1 70	209 10	10
Veneerers	2	123	2 62	322 26	10
Log peelers	2	85	1 65	140 25	10
Machine hand	1	162	2 00	324 00	10
Mill hand	1	300	1 75	525 00	10
BICYCLES, BICYCLE SUNDRIES AND AUTOMOBILES—3 ESTABLISHMENTS.					
Laborers	50	308	1 50	462 00	10
Machinists	17	277	1 97	545 69	10
Mechanics	21	301	2 50	752 50	10
Painters	3	252	2 00	504 00	10
Trimmer	1	291	2 50	727 50	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
BILLIARD TABLES, BAR AND STORE FIXTURES—6 ESTABLISHMENTS.					
Cabinetmakers	19	301	$2 14	$644 14	10
Engineer	1	294	2 00	588 00	10
Foremen	2	301	2 50	752 50	9.5
Laborers	49	309	1 20	370 80	9.9
Machine men	42	298	1 53	455 94	10
Mechanics	10	313	1 25	391 25	10
Mounters	6	299	1 80	538 20	10
Packers	2	310	1 50	465 00	10
Sanders	2	310	1 35	418 50	10
Turner	1	290	1 80	532 00	9
Varnishers	11	296	1 57	464 72	9.9
Watchman	1	294	1 67	490 98	12
Yard men	3	294	1 25	367 50	10
BOILERS, ENGINES AND TANKS—10 ESTABLISHMENTS.					
Apprentices	47	306	1 03	315 18	9.4
Blacksmiths	17	298	2 52	750 96	10
Boilermakers	48	267	2 60	694 20	10
Boilermakers' helpers	5	275	1 50	412 50	10
Carpenters	11	308	2 18	671 44	10
Coremakers	4	308	2 54	782 32	10
Casting cleaners	25	308	1 46	449 68	10
Engineers	4	259	1 93	499 87	10
Helpers	66	284	1 53	434 52	9.8
Laborers	216	304	1 45	440 80	10
Laborers (boys)	3	275	1 00	275 00	10
Machinists	81	304	2 64	802 56	10
Machine men	260	308	1 79	551 32	10
Moulders	67	306	2 75	841 50	9.8
Offbearers	2	213	1 25	265 25	10
Painters	3	300	1 75	525 00	10
Patternmakers	6	308	2 93	902 44	10
Plateworkers	23	265	2 07	548 55	9
Rivet heaters	8	247	1 42	350 74	9.5
Sawyer	1	213	2 00	426 00	10
Sheet-iron workers	19	295	2 64	778 80	10
Teamsters	2	308	3 25	1,001 00	10
Woodworkers	6	300	2 00	600 00	10
BOOTS AND SHOES—3 ESTABLISHMENTS.					
Bottomers	16	286	1 05	300 30	10
Cutters	19	287	1 19	241 53	10
Felter	1	288	3 00	864 00	10
Finishers	5	286	78	223 08	10
Lasters	18	286	1 06	303 16	10
Machine operators	18	288	1 30	374 40	10
Shoemakers	3	247	1 15	399 95	9
Stockroom workers	8	287	1 15	443 08	10
BOXES (WOODEN)—3 ESTABLISHMENTS.					
Boxmakers	25	290	1 50	435 00	10
Cutter	1	300	1 25	375 00	9
Foreman	1	290	2 30	667 00	10
Laborer	1	300	1 00	300 00	9
Nailer	1	300	2 00	600 00	9
Painter	1	300	1 69	507 00	9
Sawyer	1	300	1 67	501 00	9
BREAD AND OTHER BAKERY PRODUCTS—56 ESTABLISHMENTS.					
Bakers	79	307	1 83	561 81	10
Clerks	6	326	1 18	384 68	12.5

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

BREAD AND OTHER BAKERY PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	11	309	$1 35	$417 15	10
Fireman	1	180	1 50	270 00	10
Helpers	11	306	1 25	372 50	9.6
Hostlers	2	311	1 25	388 75	8
Laborer	1	365	50	182 50	12
BRICK AND TILE—209 ESTABLISHMENTS.					
Blacksmiths	8	281	2 07	581 67	10
Blasters	2	300	2 00	600 00	9
Branchers	3	288	2 10	604 80	9
Brickmakers	489	209	1 69	353 21	9.5
Brickmasons	12	289	3 39	691 71	9.5
Brick tenders	11	360	1 50	540 00	10
Burners	131	241	1 99	460 31	11
Burners' assistants	5	255	1 74	443 70	12
Carpenters	11	282	2 05	575 10	9.7
Clay miners	1,626	241	1 52	366 32	9.8
Coal miners	118	249	2 34	582 66	8.1
Crush men	3	301	1 65	496 65	10
Cutters	12	126	1 44	281 44	10
Drawers	57	270	1 76	475 20	9.5
Dressers	5	308	1 70	523 60	10
Drier	1	365	1 50	547 50	12
Dumpers	7	223	1 50	334 50	9.7
Edger	1	125	75	93 75	10
Engineers	108	218	2 06	449 08	10
Feeders	13	200	1 39	278 00	10
Firemen	110	231	1 73	399 63	10
Floor tenders	2	250	1 75	437 50	10
Foremen	32	253	2 22	561 66	9.9
Grinders	8	301	1 47	442 47	10
Hackers	5	267	1 42	379 14	10
Handlers	4	130	1 50	195 00	10
Helpers	19	253	1 59	402 27	9.8
Hostlers	2	300	1 57	471 00	10
Haulers	24	259	1 49	395 91	9.4
Kiln men	10	297	1 89	561 33	8.8
Laborers	2,071	253	1 57	397 21	10
Laborers (boys)	20	164	86	141 04	10
Loaders	71	257	1 59	408 63	9.8
Machinists	2	308	1 75	539 00	10
Machine hands	71	221	1 64	362 44	10
Mechanics	5	205	2 20	451 00	10
Miners	108	263	1 90	497 70	8.9
Mixer	1	81	1 50	121 50	10
Moulders	109	222	1 92	426 24	8.5
Offbearers	121	228	1 32	300 96	8.9
Palette men	5	104	55	57 20	10
Pan men	45	253	1 48	374 44	10
Patternmaker	1	300	2 00	600 00	10
Pitchers	10	244	1 65	402 60	10
Pit men	14	180	1 48	266 40	10
Posters	2	300	2 00	600 00	9
Pressmen	58	254	1 73	439 44	9
Pressmen's helpers	8	279	1 48	412 92	10
Puggers	5	197	1 71	336 87	10
Pullers	4	231	2 00	462 00	10
Pump men	3	296	1 53	452 88	9
Repairers	5	237	1 52	460 24	10
Sanders	2	133	1 25	166 25	10
Screen tenders	4	327	1 26	372 02	10
Setters	217	236	1 92	453 12	9.9
Shaders	2	360	2 12	763 20	10
Shale diggers	64	227	2 08	472 16	10
Shovelers	22	155	1 54	238 70	10
Sorters	25	352	1 81	637 12	10
Strikers	2	110	1 62	178 20	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

BRICK AND TILE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Table men	3	300	$1 50	$450 00	10
Teamsters	58	263	1 56	410 28	9.5
Teasers	2	300	1 45	435 00	10
Temperers	14	207	1 56	212 92	10
Temperers' helper	1	237	1 40	331 80	10
Tilemakers	89	193	1 49	287 57	10
Tossers	8	271	1 52	411 92	9.7
Track men	3	231	1 75	404 25	10
Transfer men	15	259	1 55	401 45	10
Truckers	52	205	1 45	297 25	10
Watchmen	15	135	1 66	224 10	11
Weighman	1	300	1 75	525 00	10
Wheelers	364	246	1 60	393 60	10
Yard men	63	194	1 47	285 18	9.6
BROOMS AND BRUSHES—5 ESTABLISHMENTS.					
Assorters	2	300	1 15	345 00	10
Broommakers	2	200	1 00	200 00	8
Laborers	18	250	1 25	312 50	10
Sewers	5	246	2 05	504 30	9.6
Tiers	18	253	1 95	493 35	9.7
CANNED GOODS—24 ESTABLISHMENTS.					
Assistants	2	67	1 25	83 75	10
Canners	33	45	1 37	61 65	9
Can movers	3	65	65	42 25	10
Cappers	5	41	1 59	65 19	10
Carriers	4	50	1 25	62 50	10
Cooker	1	120	1 65	198 00	10
Crater	1	35	1 50	52 00	10
Cutters	3	75	1 50	112 50	10
Dumpers	4	50	1 13	56 50	10
Engineers	10	87	1 85	100 05	10.5
Fillers	13	105	1 59	166 95	10
Foremen	4	68	2 16	146 88	10
Foremen's assistant	1	65	1 25	82 25	10
Huskers	57	50	1 50	75 00	9.9
Inspector	1	65	1 00	65 00	10
Laborers	558	81	1 42	115 02	9
Loader	1	65	1 00	65 00	10
Machine hands	24	41	2 06	84 46	10
Mixers	2	55	1 40	77 00	10
Porters	9	27	1 00	27 00	10
Processors	8	107	1 99	212 93	11
Scalders	6	44	1 37	60 28	10
Solderers	5	138	1 40	193 20	10
Stackers	2	50	1 12	56 00	10
Testers	2	67	1 37	91 79	10
Tippers and patchers	5	70	1 63	114 10	10
Turners	5	220	1 50	330 00	10
Watchman	1	65	1 00	65 00	10
Weigher	1	65	2 00	130 00	10
CARRIAGES AND WAGONS—63 ESTABLISHMENTS.					
Apprentices	8	300	2 00	600 00	10
Blacksmiths	199	289	2 02	583 78	10
Blacksmiths' helpers	24	291	1 55	451 05	9.8
Craters	33	224	1 50	336 00	10
Engineers	5	290	2 25	652 50	10
Finishers	2	300	2 00	600 00	10
Harnessmaker	1	306	2 00	612 00	10
Helpers	11	290	1 52	440 80	10
Hostler	1	250	1 50	375 00	10
Laborers	43	293	1 46	527 78	10
Laborers (boys)	18	306	85	260 10	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

CARRIAGES AND WAGONS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Machine hands	10	306	$1 75	$535 50	10
Machinists	3	300	3 00	900 00	10
Packers	10	306	1 75	535 50	10
Painters	256	286	1 92	549 12	9
Painters' helpers	16	292	1 36	397 12	9.8
Platers	2	300	2 00	600 00	10
Repairer	1	300	1 50	450 00	10
Sawyer	1	300	1 75	525 00	10
Sticker	3	300	1 75	525 00	10
Stock hand	1	298	1 50	447 00	10
Teamsters	2	297	1 57	466 29	10
Trimmers	139	289	2 09	604 01	9.8
Trimmers' helpers	6	299	1 41	421 59	10
Varnishers	4	300	2 50	750 00	10
Wagonmakers	3	303	1 66	402 98	9.6
Warehouse employes	4	298	1 75	521 50	10
Watchmen	3	285	1 58	450 30	10
Wheelmakers	30	300	1 50	450 00	10
Woodworkers	122	296	2 22	657 12	9.8
Woodworkers' helpers	2	300	1 50	450 00	10
CARRIAGE AND WAGON MATERIALS—18 ESTABLISHMENTS.					
Bander	1	277	1 40	387 80	10
Belters	3	278	1 90	528 20	10
Bench hands	3	278	1 65	438 70	10
Benders	16	284	1 42	303 28	10
Blacksmiths	17	266	2 38	633 08	10
Cutters	2	300	1 50	450 00	10
Engineers	9	282	2 17	611 94	10
Firemen	6	273	1 50	409 50	10
Filer	1	250	1 42	355 00	9.5
Finishers	44	273	1 67	455 91	10
Firemen	3	204	1 51	308 04	10
Felters	42	273	2 50	682 50	10
Forgers	65	273	2 23	608 79	10
Foremen	7	280	2 24	627 20	10
Grinders	22	273	3 00	819 00	10
Groovers	5	273	1 50	409 50	10
Hubworkers	8	285	1 75	498 75	12
Inspectors	2	276	1 75	483 70	10
Ironworkers	7	306	1 60	489 60	10
Laborers	174	269	1 44	387 36	10
Laborers (boys)	8	278	65	180 70	10
Machine hands	93	272	1 55	421 60	9.4
Machinists	9	270	2 16	583 20	9.9
Millwrights	2	273	2 50	682 50	10
Packers	17	282	1 28	360 96	9.1
Painters	2	231	1 87	431 97	10
Polishers	19	274	1 80	493 20	10
Primer	1	285	1 50	427 50	12
Rim benders	14	282	1 46	411 72	11
Riveter	1	277	1 35	373 95	10
Sawyers	14	282	1 62	456 84	10
Spoke drivers	2	277	1 60	343 20	10
Spokemakers	13	285	1 69	471 65	12
Teamsters	6	291	1 65	480 15	10
Trimmers	8	277	1 68	465 36	10
Turners	17	266	2 44	383 04	10
Varnishers	10	285	1 35	384 75	9
Watchmen	3	289	1 26	364 14	12
Wheelmakers	71	279	1 65	460 33	10
Woodworkers	75	247	1 55	382 85	9.5
Yard men	28	279	1 29	359 91	10
CARS AND CAR FURNISHINGS—6 ESTABLISHMENTS.					
Blacksmiths	22	278	2 31	642 18	9.9
Blacksmiths' helpers	3	176	1 50	264 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

CARS AND CAR FURNISHINGS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Cabinet makers	20	300	$2 75	$825 00	10
Car builders	89	298	2 40	715 20	9.9
Carpenters	9	250	2 22	555 00	9.4
Cupola tender	1	310	1 75	542 50	9
Engineers	2	205	1 87	383 35	9.5
Foremen	1	310	3 50	1,085 00	9
Helpers	5	234	1 59	372 36	9
Laborers	65	285	1 53	436 05	9.5
Machinists	14	272	2 30	625 60	9.5
Mill hands	30	300	2 75	825 00	10
Moulders	13	272	2 27	617 44	9.5
Moulders' helpers	2	176	1 25	220 00	10
Painters	30	300	2 50	750 00	10
Patternmakers	3	240	2 60	624 00	9.5
CHURNS—2 ESTABLISHMENTS.					
Belters	1	296	1 25	370 00	10
Churnmakers	12	278	1 75	358 70	10
Engineer	1	260	1 60	416 00	10
Foreman	1	260	1 50	390 00	10
Laborers	8	296	1 35	399 60	10
Machine hands	19	273	1 44	393 12	10
Packers	2	296	1 50	444 00	10
Sawyers	3	296	1 50	444 00	10
Teamster	1	296	1 35	399 60	10
Teamsters (with teams)	3	296	3 00	888 00	10
Turners	2	296	1 65	488 40	10
Varnishers	2	260	1 35	351 00	10
Watchman	1	296	1 25	370 00	12
CIGARS—78 ESTABLISHMENTS.					
Apprentices	3	152	0 83	126 16	8
Bunchers	5	220	94	206 80	9
Bunckbreakers	2	300	1 00	300 00	10
Cigarmakers	173	286	1 72	491 92	9
Foremen	2	277	2 12	587 24	9
Laborers	6	292	1 12	327 04	9.1
Laborer (boy)	1	300	33	99 00	8
Packers	2	154	1 25	192 50	8
Rollers	43	260	1 64	426 40	9.2
Stockman	1	217	40	86 80	3
Stogiemakers	40	288	2 25	648 00	10
Strippers	14	297	73	216 81	9.2
CLOTHING—62 ESTABLISHMENTS.					
Apprentices	3	300	0 43	129 00	10
Bushelman	1	300	2 00	600 00	10
Coatmakers	53	284	2 19	621 96	9.4
Cutters	20	286	1 90	543 40	9.4
Cutters' assistant	1	275	1 54	423 50	10
Engineer	1	275	1 16	319 00	10
Folders	3	285	1 25	356 25	9
Laborers	3	235	1 11	260 85	9.6
Machine operators	7	287	1 42	407 54	9.1
Packers	2	269	1 25	336 25	9.5
Pressers	7	275	1 24	341 00	9.5
Shipping clerk	2	300	1 25	375 00	9.5
Tailors	19	295	2 11	622 45	9
Trousermakers	8	282	1 61	454 02	9
CONFECTIONERY—3 ESTABLISHMENTS.					
Candymakers	2	250	1 50	375 00	10
Ice cream maker	1	140	1 50	210 00	10
Laborer	1	200	1 50	300 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

COOPERAGE—34 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Barrelmaker	1	313	$1 00	$313 00	10
Box fillers	4	117	1 57	183 69	10
Buyers	2	230	2 00	460 00	10
Coilers	24	244	1 73	422 12	10
Coopers	50	262	1 50	393 00	9.5
Cullers	3	121	1 55	187 55	10
Cutters	29	206	2 05	422 30	9.4
Engineers	15	196	2 00	392 00	10
Equalizer	1	84	1 65	138 60	10
Firemen	18	194	1 76	341 44	10
Foremen	7	234	2 38	556 72	10
Hoop department hands	28	260	1 40	364 00	10
Jointers	20	176	2 02	355 52	9.7
Laborers	292	178	1 51	268 78	9.9
Laborers (boys)	4	200	75	150 00	10
Lapper	1	150	2 00	300 00	10
Log man	1	84	2 00	168 00	10
Machine hands	47	153	1 86	284 58	10
Matcher	1	222	2 00	444 00	9
Mechanic	1	84	2 70	226 80	10
Mill hands	50	252	1 49	375 48	10
Pilers	4	191	1 75	334 25	9.5
Planers	3	265	1 91	506 15	10
Pullers (box)	2	84	1 65	138 60	10
Pullers (plank)	4	195	1 82	354 90	10
Sawyers	53	246	1 87	460 02	9.9
Sawyers' helpers	2	192	1 62	311 04	10
Setter	1	84	1 75	147 00	10
Stave department hands	37	185	1 66	307 10	9.6
Teamsters	36	220	1 63	358 60	10
Turners	2	211	2 25	474 75	9.5
Watchmen	6	189	1 48	279 72	10
Wheeler	1	161	2 00	322 00	10
Woodworkers	44	214	1 58	338 12	10
Yard men	19	285	1 42	404 70	10

COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—17 ESTABLISHMENTS.

Carders	28	286	1 40	400 40	10
Card boys	2	300	75	225 00	10
Cutters	2	306	1 45	443 70	10
Dyers	40	299	1 52	454 48	10
Engineers	8	276	2 11	582 36	10
Finishers	39	306	1 50	459 00	10
Firemen	2	291	1 50	436 50	10
Foremen	10	300	3 32	996 00	10
Framers	5	300	1 00	300 00	10
Fuller	1	289	1 55	447 95	10
Helpers	3	288	1 18	329 84	10
Knitters	18	301	98	294 98	10
Laborers	45	288	1 29	371 52	10
Loom boss	1	289	1 85	534 65	10
Loom fixers	5	300	1 75	525 00	10
Machinists	7	306	2 00	612 00	10
Napper	1	306	1 21	370 26	10
Overseers	2	303	1 80	545 40	10
Packers	4	303	1 40	424 20	10
Pickers	24	292	1 09	318 28	10
Porters	2	300	1 66	498 00	10
Sorters	5	298	1 48	293 04	10
Spinners	50	306	1 14	348 84	10
Turner	1	306	80	244 80	10
Warper	1	327	1 75	372 25	10
Watchmen	3	320	1 25	400 00	10
Weavers	12	316	1 21	382 36	10
Winders	10	300	60	180 00	10
Wool washer	1	289	1 40	404 60	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
CUTLERY AND EDGE TOOLS—2 ESTABLISHMENTS.					
Boxer	1	300	$1 67	$501 00	10
Engineers	2	296	1 83	541 68	10
Forgers	2	296	2 25	666 00	10
Grinders	7	298	2 17	646 66	10
Handler	1	300	1 67	511 00	10
Handle finisher	1	300	1 50	450 00	10
Helpers	7	300	75	225 00	10
Laborers	5	297	1 64	487 08	10
Machine men	1	300	1 50	450 00	10
Polishers	9	299	1 93	577 01	10
Pressman	1	300	1 50	450 00	10
Sanders	2	300	1 50	450 00	10
Temperer	1	300	2 25	675 00	10
Temperer's helper	1	300	1 40	420 00	10
DAIRY PRODUCTS—54 ESTABLISHMENTS.					
Buttermakers	37	290	1 85	536 50	8.9
Buttermakers' assistant	1	365	1 17	426 05	10
Cheesemakers	19	254	1 94	492 76	10
Cheesemakers' helpers	2	287	1 40	401 80	9
Engineers	2	340	1 87	635 80	10
Foreman	1	365	1 75	638 75	10
Helpers	27	298	1 13	336 74	9
Ice cream maker	1	365	2 50	912 50	9
Laborers	18	325	1 64	433 00	9.3
Mechanic	1	306	2 00	612 00	10
Separators	20	318	1 62	515 16	9.5
Teamsters	47	314	1 52	477 28	8.3
Weighers	3	280	1 32	369 60	8.6
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—10 ESTABLISHMENTS.					
Advertising department hands	2	307	1 47	442 29	10
Barrelmaker	1	202	1 00	202 00	5
Boilermakers	8	355	2 21	784 55	10
Carpenters	9	355	2 50	887 50	10
Compounders	2	306	1 70	520 20	10
Engineers	6	355	2 33	827 15	12
Fillers	2	293	1 50	439 50	8
Laborers	353	349	1 76	614 24	11
Machinists	18	355	2 28	809 40	10
Packers	2	254	1 68	426 72	10
Peddlers	3	240	1 50	360 00	9
Shipping clerks	2	306	1 40	428 40	10
Steamfitters	8	355	2 07	724 85	10
ELECTRICAL GOODS AND SUPPLIES—10 ESTABLISHMENTS.					
Blacksmith	1	15	2 50	37 50	9
Burners	3	185	2 33	431 05	11
Carbon moulders	8	286	1 73	494 78	10
Coopers	3	15	1 75	26 25	9
Engineers	6	144	2 27	326 88	11
Finishers	14	192	1 71	328 32	10
Foremen	10	266	2 75	731 50	10
Furnace men	2	15	2 50	37 50	12
Gatherers	10	15	2 82	42 30	9
Glassworkers	1	268	1 25	335 00	10
Insulator makers	35	260	1 60	416 00	10
Jiggermen	3	136	2 50	340 00	8
Jiggermen's assistants	5	136	1 25	170 00	8
Laborers	65	240	1 71	410 40	10
Laborers (boys)	42	15	1 05	15 75	9
Lehr tenders	4	15	1 50	22 50	9
Machinists	4	233	2 58	601 14	9.7
Melter	1	310	1 50	465 00	10
Mixers	2	15	1 50	22 50	9

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Moulder	1	310	$1 83	$567 30	10
Packers	7	117	1 78	208 26	9.5
Photometer department hand	1	252	1 00	252 00	10
Saggermakers	2	136	2 00	272 00	10
Setters	2	136	1 60	217 60	10
Watchman	1	80	1 33	106 40	12
Warehouse man	1	15	1 50	22 50	9
Yard man	1	15	1 50	22 50	9
FIREWORKS—2 ESTABLISHMENTS.					
Carpenters	2	277	2 50	692 50	9.2
Chargers	28	274	1 54	421 96	9.3
Casemakers	12	273	1 48	404 04	9.3
Drivers	3	274	1 46	409 04	9.6
Engineer	1	270	1 50	405 00	11
Finishers	23	279	1 20	334 80	9.1
Laborers	18	276	1 33	459 10	9.5
Machinist	1	270	2 25	607 50	9 5
Mixers	3	274	1 55	424 70	9.1
Packers	2	270	1 75	472 50	9.5
Paper cutter	1	270	1 66	448 20	9.5
Starmakers	4	270	1 50	405 00	9.5
Watchmen	2	277	1 58	437 76	12
FLOURING-MILL PRODUCTS—242 ESTABLISHMENTS.					
Blacksmiths	4	70	2 00	140 00	9
Carpenter	1	200	2 25	450 00	8
Clerks	2	300	1 66	498 00	10
Coopers	16	257	1 54	397 78	10
Electrician	1	365	1 66	605 90	10
Elevator men	5	302	1 58	487 16	10
Engineers	164	263	1 66	436 58	11
Firemen	19	229	1 51	365 79	10
Floor men	15	285	1 42	404 70	9.4
Foremen	6	249	2 00	498 00	10
Heaters	2	200	3 70	740 00	10
Helpers	57	251	1 36	341 36	10
Laborers	193	245	1 40	343 00	10
Laborers (boys)	9	242	1 15	278 30	10
Millers	210	260	1 96	509 60	10
Millers' helpers	87	284	1 53	334 52	9.9
Oilers	5	282	1 38	389 16	9.6
Packers	52	239	1 55	370 45	10
Retailers	2	245	1 95	477 75	10
Roller	1	200	5 00	1,000 00	10
Roughers	2	200	2 70	540 00	10
Sawyer	1	100	2 50	250 00	10
Spoutsmen	2	191	1 75	334 25	12
Straighteners	2	200	1 50	300 00	10
Sweepers	2	245	1 27	291 15	11
Teamsters	87	275	1 43	393 25	11
Teamster (with team)	1	310	3 00	930 00	5
Track men	3	191	1 50	286 50	10
Weighmasters	2	305	1 62	494 10	10
Woodworkers	4	70	2 25	157 50	9
FOUNDRY AND MACHINE SHOP PRODUCTS—58 ESTABLISHMENTS.					
Apprentices	21	238	78	185 64	10
Bench hands	4	300	1 35	405 00	10
Blacksmiths	41	287	2 27	651 49	9.6
Blacksmiths' helpers	8	248	1 36	337 28	9.8
Boilermakers	12	305	2 47	746 35	9.7
Buffer	1	144	1 75	252 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

FOUNDRY AND MACHINE SHOP PRODUCTS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Carpenters	38	293	$1 87	$547 91	9.7
Chainmakers	46	250	1 75	437 50	8
Chippers	4	174	1 00	174 00	10
Cleaners	24	266	1 65	438 90	10
Coremakers	43	298	1 69	503 62	9.9
Cupola tenders	24	280	1 39	389 20	8.2
Draughtsmen	2	300	1 67	501 00	9
Drillers	5	284	1 34	380 86	10
Electricians	2	286	1 62	463 32	12
Engineers	23	270	1 96	529 20	10
Firemen	5	299	1 76	526 24	11
Foremen	3	258	3 72	959 76	9.3
Hammer men	2	220	2 75	605 00	10
Header men	5	249	2 50	622 50	10
Heaters	6	220	1 75	385 00	10
Helpers	26	281	1 37	284 97	9.6
Ironworkers	42	304	2 20	668 80	8.1
Laborers	544	292	1 46	426 32	9.9
Laborers (boys)	2	307	75	230 25	9.5
Loaders	6	286	1 25	357 50	10
Machine hands	14	312	2 00	624 00	10
Machinists	230	276	2 10	579 60	9.9
Mechanics	2	100	1 25	125 00	8
Moulders	380	274	2 05	561 70	9.6
Moulders' helpers	10	286	1 25	357 50	10
Packers	14	264	1 55	409 20	10
Painters	2	242	1 85	447 70	9.7
Patternmakers	37	294	2 46	823 24	9.8
Pipefitters	288	296	1 05	310 80	9.3
Plateworkers	2	207	1 50	360 50	10
Plumbers	2	300	2 50	750 00	10
Polishers	2	144	1 75	252 00	10
Pressmen	6	307	1 75	537 25	10
Rattlers	2	240	2 75	660 00	10
Riveters	6	300	1 50	450 00	10
Rougher	1	144	1 35	194 40	10
Sand cutters	2	300	1 67	501 00	10
Sawyers	2	300	1 60	480 00	10
Shavers	2	294	2 00	588 00	10
Shearman	1	220	2 00	440 00	10
Stockman	1	300	1 50	450 00	10
Striker	1	220	1 75	365 00	10
Tenders	2	309	1 90	587 10	11
Threaders	4	275	1 56	430 50	10
Toolmakers	3	294	1 66	488 04	10
Valvemakers	34	309	1 60	494 40	10
Wagonmakers	2	307	2 25	690 75	10
Watchmen	3	244	1 41	344 04	11
Wheel borers	2	300	2 75	825 00	10
Wheel cleaners	7	300	1 37	411 00	10
Woodworkers	3	260	2 25	585 00	9
Yardmen	47	302	1 48	446 96	10
FURNITURE—40 ESTABLISHMENTS.					
Assemblers	5	292	1 45	423 40	9
Band sawyers	3	300	2 00	600 00	10
Bench hands	17	244	1 86	453 84	10
Benders	3	300	90	270 00	10
Borers	3	300	1 02	306 00	10
Brassworkers	4	250	2 25	562 50	9.5
Cabinet makers	113	275	1 65	453 75	9.9
Carpenters	15	220	1 73	380 60	10
Carvers	3	268	2 25	603 00	10
Chairmakers	49	276	1 61	464 36	10
Drawers	6	300	1 26	378 00	10
Drillers	2	282	1 50	423 00	10
Engineers	29	267	1 85	494 15	10.5

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

FURNITURE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Emery wheelmen	2	282	$1 75	$493 50	10
Filer	1	205	4 00	820 00	10
Filler	1	291	1 25	263 75	10
Finishers	130	291	1 56	234 00	9.9
Fitters	2	145	1 50	217 50	10
Foremen	8	280	2 34	705 20	10
Foundrymen	14	250	1 75	437 50	9.5
Gluers	4	294	1 27	373 38	10
Grainer	1	300	90	270 00	10
Helpers	9	292	1 22	356 24	9.3
Laborers	196	287	1 38	396 06	9.3
Laborers (boys)	11	300	75	225 00	10
Lathe hands	5	300	1 50	450 00	10
Lumber stackers	2	295	1 25	368 75	10
Machine hands	269	267	1 48	395 16	10
Machinists	15	285	1 63	464 55	9.9
Moulders	8	282	3 75	1,057 50	8
Packers	38	281	1 44	404 64	9.9
Painters	3	250	2 00	500 00	9.5
Planers	2	300	86	258 00	10
Polishers	10	300	1 67	501 00	10
Rubbers	3	300	2 50	750 00	10
Sanders	19	271	1 32	357 72	10
Sawyers	45	243	1 33	323 99	10
Seater	1	300	2 50	750 00	10
Shipping clerks	4	282	2 10	592 20	10
Teamsters	16	293	1 65	483 45	10
Turners	9	280	1 86	520 80	10
Upholsterers	27	302	1 93	582 86	10
Varnishers	25	259	1 36	362 14	10
Veneerers	6	300	1 50	450 00	10
Watchmen	15	302	1 38	477 16	11
Weavers	2	292	2 00	584 00	9
Woodworkers	68	305	1 83	558 15	10
Yard men	9	296	1 32	390 72	10
GAS AND ELECTRICITY—98 ESTABLISHMENTS.					
Blacksmiths	12	286	1 70	486 20	10
Clerk	1	365	1 66	605 90	10
Dynamo tender	3	365	1 55	565 75	9.6
Electricians	22	364	2 11	768 04	11
Engineers	105	360	2 06	741 60	11
Firemen	45	365	1 59	580 35	11
Foremen	3	345	2 19	755 55	11
Gasmakers	7	327	1 49	487 13	11
Helpers	14	356	1 24	441 44	10
Inspector	1	365	1 75	638 75	9
Laborers	31	348	1 60	556 80	10
Linemen	19	365	1 70	620 50	9.7
Linemen's assistant	1	365	1 25	456 25	10
Packers	3	286	1 50	429 00	10
Painters	26	286	1 40	400 40	10
Plumbers	3	365	2 00	730 00	10
Reedworkers	3	286	1 48	423 28	10
Repair men	2	365	1 86	678 90	9
Setter	1	365	1 00	365 00	10
Stoker	1	365	1 00	365 00	10
Teamsters	2	365	1 25	456 25	10
Trimmers	16	330	1 49	491 70	9.6
Watchman	1	286	1 10	314 60	10
Wiremen	8	280	2 29	641 20	9
Woodworkers	2	286	1 67	477 62	10
GLASS AND GLASSWARE—7 ESTABLISHMENTS.					
Assorters	5	290	2 00	580 00	10
Blacksmiths	4	203	2 50	507 50	9.7

TABLE IV*g*—MANUFACTURES—VILLAGES—Continued.

GLASS AND GLASSWARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Blacksmiths' helper	1	144	$1 50	$216 00	10
Blockers	14	25	4 35	108 75	9
Blowers	142	175	5 79	1,013 25	8
Boiler-room employes	22	257	1 80	462 60	12
Bookers	3	257	2 09	537 13	11
Boxmakers	8	144	2 00	288 00	10
Bricklayers	24	257	2 20	565 40	10
Carpenters	14	257	1 92	493 44	10
Cutters	32	181	3 58	647 98	9.7
Decorator	1	144	3 33	479 52	10
Electric department employes	5	257	2 16	555 12	12
Engineers	12	262	2 29	599 98	12
Etchers	2	246	2 50	615 00	10
Fillers	3	290	1 25	362 50	10
Firemen	2	290	1 80	522 00	12
Flatteners	12	126	5 52	695 52	11
Furnace-room employes	86	257	1 99	511 43	10
Gas producers	26	257	1 98	508 86	12
Gatherers	94	83	3 34	277 22	8.2
Grinders	152	255	1 91	487 05	10
Laborers	280	258	1 82	469 56	8.7
Lehr tenders	16	144	1 50	216 00	12
Machine hands	30	290	1 90	551 00	10
Machinists	37	257	1 77	444 89	10
Master teasers	2	144	2 28	328 32	12
Mixers	11	185	1 62	299 70	11
Mould boys	115	290	90	261 00	8
Mouldmakers	18	246	3 00	738 00	9
Packers	35	231	1 69	390 39	9.8
Plaster mill employes	3	257	1 98	508 86	11
Polishers	86	257	1 58	406 06	11
Potmaker	1	90	2 50	225 00	9
Potmaker's helper	1	90	1 50	135 00	9
Pottery employes	29	257	1 59	408 43	10
Roller boys	8	117	1 32	154 44	9.5
Snappers	54	126	1 74	219 24	7.6
Teasers	7	97	2 08	201 76	12
Warehouse employes	51	253	1 47	371 91	9.5
Watchmen	3	223	1 50	334 50	12
Wheelers	2	90	2 00	180 00	9
Yard men	42	245	1 40	343 00	9.9
GLOVES AND MITTENS—2 ESTABLISHMENTS.					
Cutters	4	287	1 87	536 69	10
Engineer	1	300	2 00	600 00	10
Packer	1	300	1 75	525 00	10
Turners	8	275	1 50	412 50	10
HANDLES—25 ESTABLISHMENTS.					
Bolters	3	150	1 83	274 50	10
Buyers	4	169	2 25	382 25	10
Cabinet makers	1	300	2 50	750 00	10
Cutters	10	144	1 56	224 64	10
Engineers	12	240	1 65	396 00	10
Equalizer	1	120	2 00	240 00	10
Finishers	13	274	1 77	484 98	10
Firemen	4	268	1 68	450 24	11
Foremen	2	288	2 00	576 00	10
Handlemakers	61	270	1 64	442 80	10
Laborers	217	228	1 41	322 08	10
Lathe men	7	275	1 66	456 50	10
Moulders	2	288	1 00	288 00	10
Offbearers	4	187	1 50	280 50	10
Packers	3	289	1 78	514 42	10
Sanders	2	273	2 00	546 00	10
Sawyers	44	243	1 71	415 53	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

HANDLES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Shavers	14	262	$1 64	$429 68	10
Teamsters	16	195	1 84	358 80	10
Turners	22	241	2 03	489 23	10
Turners' helper	1	289	2 00	578 00	10
Watchman	1	298	1 35	402 30	10
Yard man	1	180	1 50	270 00	10
HARDWARE—5 ESTABLISHMENTS.					
Assemblers	20	301	1 36	409 36	10
Buffers	7	301	1 51	454 51	10
Carpenters	2	290	1 66	481 40	10
Coremakers	2	290	1 25	362 50	10
Foremen	3	296	2 25	666 00	9.3
Laborers	50	299	1 39	415 61	10
Laborers (boys)	2	310	87	269 70	10
Machinist	1	290	2 25	652 50	10
Machine hands	15	301	1 87	562 87	10
Mechanics	8	290	1 75	507 50	10
Moulders	16	290	1 93	559 70	8
Packers	2	290	1 25	362 50	10
Patternmaker	1	290	1 50	435 00	10
Platers	6	301	2 22	668 22	10
Polishers	6	302	1 98	597 96	10
Shipping clerks	3	293	1 72	501 96	10
Toolmakers	2	300	3 00	900 00	10
HARNESS AND SADDLERY—4 ESTABLISHMENTS.					
Awler	1	260	2 00	520 00	10
Binders	3	275	1 50	412 50	10
Blacksmiths	6	292	1 55	452 60	9
Collarmakers	30	296	1 90	562 40	10
Cutters	13	293	1 33	389 69	10
Engineers	3	278	2 05	569 90	10
Firemen	2	300	1 50	450 00	10
Foremen	14	296	2 39	707 48	10
Haltermakers	6	300	1 10	330 00	8
Harnessmakers	66	266	1 39	369 74	10
Ironers	3	275	1 50	412 50	10
Laborers	11	260	1 28	332 80	10
Machine men	11	279	1 59	443 61	10
Metal department hands	10	300	1 10	330 00	10
Packers	17	300	91	273 00	10
Padmakers	21	300	1 45	435 00	9.7
Painters	7	294	1 45	431 30	10
Pickers	17	293	1 36	398 48	10
Rollers	35	300	1 67	501 00	10
Saddlemakers	96	298	1 69	407 62	9.8
Shippers	12	294	1 60	470 40	10
Sorters	2	260	1 50	290 00	10
Stirrupmakers	3	300	1 50	450 00	10
Stuffers	106	297	1 68	498 92	10
Trimmer	1	309	2 25	695 25	10
Watchman	1	300	2 00	600 00	10
Woodworkers	2	309	1 50	463 50	10
HOLLOW WARE—2 ESTABLISHMENTS.					
Beader	1	270	1 25	337 50	10
Burners	2	270	1 25	337 50	10
Carpenters	2	303	2 00	606 00	10
Engineer	1	303	2 00	606 00	10
Fireman	1	270	1 25	337 50	10
Foreman	1	303	2 25	681 75	10
Grinders	12	303	1 75	530 25	10
Laborers	4	303	1 00	303 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

HOLLOW WARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Moulders	18	303	$2 70	$818 10	10
Packers	2	303	1 50	454 50	10
Patternmaker	1	303	2 25	681 75	10
Picklers	2	270	1 25	337 50	10
Polishers	4	303	2 00	606 00	10
Presser	1	270	1 25	337 50	10
Riveter	1	270	1 25	337 50	10
Smelter	1	270	1 25	337 50	10
Spinner	1	270	1 25	337 50	10
ICE (ARTIFICIAL)—11 ESTABLISHMENTS.					
Engineers	14	250	2 00	500 00	11
Firemen	2	306	1 35	413 10	12
Foreman	1	365	2 00	730 00	10
Helpers	5	341	1 20	409 20	11
Hostler	1	306	1 40	428 40	10
Ice pullers	6	260	1 61	418 60	11
Laborers'	6	284	1 55	440 20	11
Tankmen	10	236	1 54	363 44	11
Teamsters	24	252	1 61	405 72	11
Yard man	1	310	1 50	465 00	10
LEATHER AND LEATHER GOODS—7 ESTABLISHMENTS.					
Beam hands	39	300	1 60	480 00	10
Cellar hands	8	300	1 75	525 00	10
Engineers	4	300	2 50	750 00	10
Finishers	60	300	2 50	750 00	10
Harnessmaker	1	306	1 10	336 60	10
Laborers	14	249	1 46	363 54	9.6
Leather workers	33	275	1 75	481 25	10
Mechanics	4	313	2 50	469 50	10
Sorters	9	300	2 00	600 00	10
Tanners	11	291	1 75	509 25	10
LIME, SAND, CEMENT AND PLASTER—24 ESTABLISHMENTS.					
Blacksmiths	2	365	3 22	1,175 30	11
Brakemen	3	219	1 50	328 50	10
Burners	15	259	1 76	455 84	11
Carpenters	3	201	2 74	550 74	11
Casters	8	308	2 00	616 00	9
Cement makers	2	120	1 75	210 00	10
Chemical room hands	2	300	2 00	600 00	10
Coopers	4	288	1 67	480 96	9.5
Counters	7	270	1 54	415 80	10
Drawers	2	280	1 60	448 00	10
Driller	1	280	1 85	518 00	10
Driers	4	219	1 50	328 50	10
Electrician	1	365	2 31	843 15	10
Elevator men	5	309	1 50	463 50	10
Engineers	38	256	2 02	517 12	10
Feeders	2	309	1 50	463 50	10
Fillers	2	265	1 80	477 00	10
Firemen	47	261	1 68	438 48	10
Foremen	18	275	2 17	596 75	11
Grinders	13	192	1 81	347 52	11
Hoister	1	280	1 50	420 00	10
Kiln hands	28	259	1 60	414 40	10
Laborers	322	287	1 65	473 55	10
Machinists	10	295	2 50	737 50	10
Machine tenders	7	133	1 92	255 36	11
Mill hands	27	310	1 61	499 10	10
Miners	148	306	1 73	529 38	10
Mixers	36	306	1 55	474 30	10
Modelers	8	308	3 50	1,078 00	9
Motorman	1	365	3 22	1,175 30	14

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

LIME, SAND, CEMENT AND PLASTER—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Oilers	12	258	$1 61	$415 38	10
Packers	45	308	1 51	465 08	9.9
Painters	2	308	2 00	616 00	9
Pipefitters	5	365	2 75	1,003 75	11
Quarrymen	130	281	1 44	404 64	10
Repair men	11	339	2 23	755 97	11
Sanders	2	308	2 00	616 00	9
Seagliola workers	4	308	4 00	1,232 00	9
Shed hands	7	309	1 50	463 50	10
Slackers	2	280	2 00	560 00	10
Stockkeeper	1	119	2 00	238 00	12
Stone dressers	4	296	2 68	793 28	10
Teamsters	27	283	2 00	566 00	10
Tyer	1	221	2 10	464 10	10
Watchman	1	309	1 50	463 50	10
Wheelers	2	119	1 85	220 15	12
LIQUORS (DISTILLED)—8 ESTABLISHMENTS.					
Beer runners	2	205	2 62	537 10	10
Bottler	1	205	1 00	205 00	10
Carpenters	2	205	2 00	410 00	10
Cellar men	2	306	1 50	459 00	10
Coopers	2	205	1 50	307 50	10
Distillers	2	110	1 50	165 00	11
Drawing room men	2	205	2 00	410 00	10
Elevator man	1	205	1 66	340 30	10
Engineers	6	164	1 95	319 80	10
Fermenters	2	205	1 66	340 30	10
Firemen	6	207	1 79	370 53	10
Foreman	1	205	3 00	615 00	10
Helpers	3	83	1 41	121 03	10
Laborers	37	238	1 64	390 32	10
Mash hands	2	205	2 00	410 00	10
Meal room hand	1	205	1 66	340 30	10
Millers' hands	2	152	2 12	322 24	10
Teamsters	2	255	1 55	395 25	10
Teamsters (with teams)	4	205	2 75	563 75	10
Warehouse men	9	205	2 00	410 00	10
Watchman	1	205	1 66	340 30	10
Yeastmaker	1	205	2 75	563 75	10
LIQUORS (MALT)—10 ESTABLISHMENTS.					
Bottlers	10	308	1 36	418 88	9.6
Brewers	16	309	1 85	571 75	9.5
Cellar men	6	310	1 88	582 80	10
Collector	1	306	2 00	612 00	10
Drivers	8	308	1 83	563 64	9.6
Engineers	8	309	2 00	618 00	10
Fireman	1	313	1 70	532 10	10
Foreman	1	306	3 85	1,178 10	10
Hostler	1	306	1 35	413 10	10
Kettle hand	1	313	2 00	616 00	10
Laborers	12	299	1 51	451 49	9.6
Maltsters	2	306	1 35	413 10	10
Washhouse hand	1	313	2 00	626 00	10
Watchman	1	313	2 00	626 00	12
MACHINERY—23 ESTABLISHMENTS.					
Apprentices	19	311	1 27	394 97	9.7
Assemblers	6	304	1 75	532 00	10
Blacksmiths	21	300	2 21	663 00	9.7
Blacksmiths' helpers	2	307	1 62	497 34	10
Boilermakers	3	290	2 75	797 50	9
Bolters	15	313	1 90	594 70	9
Carpenters	15	280	2 07	579 60	9.8

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

MACHINERY—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Coremakers	3	320	$1 50	$480 00	10
Crater	1	294	1 60	470 40	10
Draughtsmen	8	264	2 30	607 20	8.6
Drill press hands	2	300	1 70	510 00	10
Electricians	4	300	2 08	624 00	10
Engineers	14	301	1 93	580 93	9.8
Erectors	7	295	2 92	861 40	9.5
Fireman	1	304	1 50	456 00	10
Floor men	4	300	2 60	780 00	10
Foremen	9	309	3 13	967 17	10
Foundry men	65	312	1 81	564 72	9.9
Grinder	1	304	1 50	456 00	10
Handy men	5	300	2 00	600 00	10
Helpers	47	294	1 56	458 64	9.7
Ironworkers	12	306	1 75	535 50	9
Laborers	128	296	1 51	446 96	9.9
Lathe hands	6	300	2 25	675 00	10
Machine hands	72	306	1 80	550 80	9
Machinists	175	300	2 14	642 00	9.8
Machinists' apprentices	3	284	90	255 60	10
Machinists' helpers	53	302	1 60	483 20	10
Mechanic	1	280	2 75	770 00	10
Moulders	66	294	2 47	726 18	9.8
Moulders' apprentices	6	296	1 50	444 00	10
Moulders' helpers	7	320	1 50	480 00	10
Painters	11	292	1 73	505 16	9.9
Patternmakers	13	308	2 39	736 12	9
Planer hands	2	300	2 00	600 00	10
Printer	1	320	1 50	480 00	10
Rivetmakers	46	313	1 90	594 70	9
Shipping clerk	1	174	1 75	304 50	10
Structural iron workers	16	300	2 00	600 00	10
Teamsters	3	300	1 84	552 00	10
Tinners	18	304	1 81	550 24	10
Turners	3	174	2 33	405 42	10
Vise hands	4	304	1 60	486 40	10
Watchmen	3	298	1 58	470 84	10
Woodworkers	26	297	1 91	567 27	9.3
MARBLE AND GRANITE—12 ESTABLISHMENTS.					
Apprentice	1	300	1 50	450 00	10
Blacksmiths	2	295	3 00	885 00	8
Cutters	33	286	2 56	732 16	8.8
Engineer	1	295	2 00	590 00	9
Helpers	3	295	1 50	442 50	9
Laborers	55	298	1 08	321 84	9.9
Laborer (boy)	1	227	75	170 25	10
Letterers	2	303	1 50	454 50	9.5
Teamsters	4	304	2 20	668 80	9.2
MATCHES—3 ESTABLISHMENTS.					
Boxmakers	46	303	1 42	430 26	10
Casemakers	19	302	1 50	453 00	10
Engineers	2	302	2 25	679 50	12
Feeders	3	270	1 58	426 60	10
Firemen	3	302	2 10	634 20	10
Foundry hands	24	303	2 30	696 90	10
Helpers	2	270	1 50	405 00	10
Kettle man	1	270	1 60	432 00	10
Laborers	137	302	1 62	489 24	10
Machine hands	200	303	2 25	681 75	10
Machinists	11	293	1 92	562 56	10
Matchmakers	221	303	1 52	460 56	10
Mixers	4	294	1 71	502 74	10
Nailer	1	270	1 50	405 00	10
Patternmakers	10	303	2 25	681 75	10

TABLE IV*g*—MANUFACTURES—VILLAGES—Continued.

MATCHES—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Planers	9	302	$1 60	$483 20	10
Plate man	1	270	1 50	405 00	10
Punchers	2	270	1 50	405 00	10
Punchers' helpers	2	270	60	162 00	10
Sawyers	6	296	1 79	529 84	10
Sorter	1	270	1 50	405 00	10
Tenders	52	302	1 35	407 70	10
PIANOS AND OTHER MUSICAL INSTRUMENTS—3 ESTABLISHMENTS.					
Action finishers	2	300	3 25	975 00	10
Action regulator	1	300	4 00	1,200 00	10
Bellows makers	2	300	3 00	900 00	10
Caseworkers	3	300	2 70	810 00	10
Engineer	1	300	2 00	600 00	10
Finishers	2	300	2 82	846 00	10
Machine men	3	300	2 00	600 00	10
Organ case makers	64	294	2 50	735 00	10
Pianomakers	4	225	3 42	769 50	10
Polishers	2	300	2 50	750 00	10
Regulator	1	300	2 40	720 00	10
Rubbers	3	300	3 00	900 00	10
Stringer	1	300	2 00	600 00	10
Tuners	2	300	3 25	975 00	10
Varnishers	3	300	1 41	423 00	10
Watchman	1	300	1 00	300 00	10
PICKLES, PRESERVES AND SAUCES—6 ESTABLISHMENTS.					
Assorters	10	313	1 50	469 50	10
Canners	30	313	1 50	469 50	10
Capper	1	313	1 50	469 50	10
Corers	18	110	1 50	165 00	10
Cooper	1	313	1 50	469 50	10
Drayman	1	312	2 50	780 00	10
Engineers	3	158	1 83	289 14	10
Feeders	4	110	1 50	165 00	10
Laborers	108	111	1 54	170 94	10
Loaders	4	110	1 50	165 00	10
Packers	8	110	1 50	165 00	10
Processors	2	313	1 75	547 75	10
Pulp maker	1	313	1 50	469 50	10
POTTERY AND STONEWARE—42 ESTABLISHMENTS.					
Bailer	1	300	1 50	450 00	10
Ballmakers	2	250	1 00	250 00	10
Bisque brushers	16	303	1 18	357 54	9
Burners	7	280	2 24	667 20	11
Carpenters	2	214	2 52	539 28	9
Carriers	9	251	1 71	429 21	9.2
Caskmakers	2	280	2 25	630 00	9
Caster	1	146	1 50	219 00	9
Clay miners	9	250	2 45	362 50	8.6
Clay washers	3	256	1 60	409 60	10
Clay workers	265	288	2 62	754 56	9
Clay workers' helpers	8	306	1 25	382 50	9
Coopers	3	288	2 41	694 08	9.3
Decorators	93	291	2 42	704 22	9
Dippers	17	267	2 91	776 97	9.2
Dippers' helper	1	306	1 00	306 00	9
Dishmakers	6	285	4 16	1,185 60	8.6
Dishmakers' helpers	2	306	1 50	459 00	9
Drawers	67	270	1 73	467 10	8.4
Engineers	39	239	2 10	501 90	10
Engraver	1	306	3 50	1,071 00	9
Fettlers	4	306	75	229 50	10
Finishers	23	248	1 59	394 32	9
Firemen	13	284	2 33	661 72	9.8

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

POTTERY AND STONEWARE—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Foremen	2	305	$3 00	$915 00	9.5
Glaziers	6	291	1 65	480 15	9.6
Glost kiln placers	11	300	2 17	651 00	9
Glostware department hands	2	146	75	109 50	8
Handlers	14	217	3 50	774 69	9
Handlers' helpers	4	302	93	280 86	9
Jiggermen	113	268	3 67	983 56	9
Jiggermens' helpers	57	290	1 31	379 90	9
Jollymen	52	253	2 38	602 14	9
Jollymen's helpers	6	275	1 40	385 00	10
Kiln hands	142	278	2 41	669 98	8.9
Kiln placers	62	247	2 75	780 25	8.6
Laborers	581	279	1 64	457 56	9
Laborers (boys)	7	281	1 32	370 92	9
Machinist	1	306	2 25	688 50	10
Modeler	1	306	2 50	765 00	10
Mold carriers	6	293	91	266 63	9.6
Moldmakers	21	265	2 66	704 90	9
Offbearer	1	300	1 00	300 00	8
Packers	75	269	2 21	594 49	9
Painters	13	277	2 26	626 02	9.1
Potters	6	300	2 00	600 00	10
Pressers	82	260	3 03	787 80	8.7
Pressers' apprentices	6	125	1 75	218 75	9
Printers	5	306	3 00	918 00	9
Puggers	9	244	1 76	429 44	9.9
Saggermakers	19	267	2 92	779 64	9
Saggermakers' helper	1	146	1 50	219 00	9
Setters	3	267	2 50	667 50	9.3
Shippers	2	275	2 50	687 50	9
Slippers	44	258	1 90	490 20	9.5
Trimmer	1	300	1 50	450 00	10
Tube headers	14	306	1 25	382 50	10
Turners	30	266	3 41	907 06	9.5
Turners' helpers	3	242	1 25	282 50	9.3
Ware dressers	11	304	3 00	912 00	9
Warehouse men	23	285	2 30	655 50	8.8
Watchmen	15	256	1 72	440 32	11
Wheelers	13	293	2 11	618 23	9
PRINTING AND BINDING—147 ESTABLISHMENTS.					
Apprentices	19	310	62	192 20	9
Binder	1	300	1 67	501 00	9
Carriers	9	312	25	78 00	1.5
Compositors	267	266	1 53	406 98	9
Editors	13	309	2 16	667 44	10
Foremen	39	310	1 99	616 90	9.5
Foremen's assistants	4	310	1 08	335 80	9.5
Janitor	1	307	1 50	460 50	12
Laborers	10	317	1 27	402 59	9
Laborers (boys)	4	309	50	154 50	8.5
Machine operators	5	160	1 70	272 00	9.6
Machinist	1	312	2 66	829 92	9
Office boy	1	312	1 00	312 00	9
Pressfeeder	1	65	1 00	65 00	9
Pressmen	15	272	1 59	432 48	9
Reporters	8	309	1 62	489 24	8.7
Shipper	1	60	2 00	120 00	10
PUMPS AND WATER WHEELS—12 ESTABLISHMENTS.					
Apprentices	12	270	60	162 00	10
Blacksmiths	2	270	1 60	432 00	10
Brassworker	1	270	1 50	405 00	10
Carpenter	1	300	2 00	600 00	10
Coremakers	2	285	1 87	532 95	10
Cupola tenders	3	280	1 65	462 00	9

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

PUMPS AND WATER WHEELS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Draughtsmen	3	310	$1 00	$310 00	10
Drillers (boys)	2	300	70	210 00	10
Engineers	6	261	1 85	482 85	10
Foremen	4	288	2 50	720 00	10
Helpers	2	296	1 25	370 00	10
Laborers	184	277	1 54	426 58	10
Latheworkers	7	175	1 50	262 50	10
Machinists	94	288	1 95	561 60	10
Mechanics	21	302	2 14	646 28	10
Moulders	29	288	2 17	624 96	9
Moulders' apprentices	2	300	1 94	582 00	10
Moulders' helpers	105	277	2 20	609 40	10
Packers	2	180	1 00	180 00	10
Painters	30	278	1 56	433 68	10
Patternmakers	8	303	2 21	669 63	10
Pumpmakers	4	310	1 75	542 50	10
Shippers	13	276	1 68	463 68	10
Shop men	2	180	1 00	180 00	10
Teamster	1	300	1 16	348 00	10
Tinsmiths	2	180	1 25	225 00	10
Toolmakers	2	270	1 75	672 50	10
Turners	2	300	1 41	423 00	7.5
RUBBER GOODS—8 ESTABLISHMENTS.					
Buffers	2	166	2 00	332 00	10
Calender man	1	305	3 00	915 00	10
Cutters	3	266	1 25	323 50	10
Engineers	10	250	2 14	535 00	10
Filers	5	175	1 50	262 50	10
Fireman	1	305	1 75	533 75	10
Fitter	1	190	1 25	237 50	10
Foremen	5	300	3 00	900 00	10
Laborers	94	289	1 53	442 17	9.5
Machine operators	2	305	1 05	320 25	10
Mill men	4	305	1 60	485 00	10
Millwrights	5	301	3 00	903 00	10
Mould fillers	2	190	1 25	237 50	10
Polishers	3	190	1 50	285 00	10
Pressmen	3	305	1 25	381 25	10
Rubber workers	95	293	1 73	506 89	10
Sweeper	1	305	1 20	366 00	10
Turner	1	190	1 25	237 50	10
Vulcanizer	1	116	1 75	203 00	10
Watchman	1	305	1 65	533 25	12
Weighers	2	305	1 55	472 75	10
SALT—6 ESTABLISHMENTS.					
Ash haulers	2	127	1 40	177 80	8.5
Brine tenders	3	117	1 36	159 12	9
Brine tenders' assistants	2	113	1 25	141 25	9
Bromine maker	1	124	3 00	372 00	8
Carpenters	2	218	1 75	381 50	9.5
Coal haulers	5	130	1 66	215 80	8
Coal passers	2	365	1 50	548 00	10
Coopers	58	246	1 51	371 46	9.4
Drier	1	313	1 84	575 92	10
Engineers	15	227	1 84	417 68	11
Firemen	44	273	1 50	409 50	7.2
Foremen	7	263	2 28	599 64	9.4
Foreman's assistant	1	124	1 35	167 40	9
Laborers	33	319	1 54	491 26	9.7
Lifters	15	111	1 32	146 52	7.5
Machinists	3	347	2 25	780 75	10
Miners	41	113	2 26	255 38	7.7
Nailers	4	267	1 50	400 50	9.5
Oilers	2	365	1 80	657 00	12

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

SALT—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Packers	48	288	$1 49	$429 12	9.5
Pan men	2	313	2 00	626 00	12
Salt sifters	18	210	1 35	283 50	6.8
Steamfitters	5	333	2 00	666 00	10
Teamster	1	313	1 75	547 75	10
Watchmen	3	251	1 25	313 75	11
Water tenders	3	365	1 75	638 75	8
Well tenders	5	196	1 60	313 60	10
Well tenders' assistant	1	97	1 25	121 25	9
Wheelers	19	345	1 56	532 20	11
SASH, DOORS, LUMBER AND INTERIOR FINISH—157 ESTABLISHMENTS.					
Apprentice	1	100	1 33	133 00	9
Bench men	44	284	1 91	542 44	10
Benders	2	280	1 50	420 00	10
Blockmakers	3	287	1 66	476 44	10
Cabinet makers	23	300	2 11	633 00	10
Carpenters	205	272	2 11	573 92	9.5
Cutters	40	249	1 49	371 01	10
Draughtsmen	2	300	2 50	750 00	10
Draughtsmen's assistant	1	300	1 50	450 00	10
Edgers	3	233	1 28	298 24	9.8
Elevator man	1	285	1 50	427 50	10
Engineers	80	250	1 75	437 50	10
Filers	5	256	3 10	793 60	10
Finishers	4	258	2 25	580 50	9.7
Firemen	23	227	1 50	340 50	9.8
Foremen	24	284	2 18	619 12	10
Foreman's assistant	1	300	1 65	495 00	10
Glazier	1	310	2 00	620 00	10
Gluers	3	242	1 00	242 00	10
Helpers	21	233	1 33	309 89	9.7
Inspectors	3	306	2 25	688 50	10
Jointer	1	242	1 00	242 00	10
Laborers	389	274	1 46	400 04	10
Loggers	13	283	1 46	413 18	9.5
Machine hands	121	285	1 80	513 00	9.8
Machine hands' assistants	54	304	1 25	319 20	10
Machinists	16	237	2 05	722 85	10
Matchers	2	122	1 25	152 50	9
Mill hands	256	280	1 60	448 00	9.5
Moulder	1	306	1 75	535 50	10
Nailers	2	122	1 25	152 50	9
Oar finishers	6	270	1 35	364 50	10
Offbearers	34	236	1 47	346 92	10
Packers	3	300	1 75	525 00	10
Painters	5	297	1 65	490 05	9.8
Planers	53	287	1 47	421 89	9.9
Sashmakers	2	266	1 75	465 50	10
Sawyers	98	251	1 85	464 35	10
Setters	15	236	1 45	342 20	9.9
Shingle weavers	2	121	3 00	363 00	10
Stackers	2	150	1 00	150 00	9.5
Tailers	2	303	1 25	378 75	10
Teamsters	144	265	1 43	378 95	10
Teamsters (with teams)	2	308	3 50	1.057 00	10
Timber buyers	3	291	2 16	628 56	10
Turners	24	274	1 59	435 66	9.7
Veneerer	1	306	1 75	535 50	10
Watchman	10	241	1 29	310 89	11
Woodworkers	34	274	1 85	506 90	9.8
Yard men	65	286	1 52	434 72	9.9
SLAUGHTERING AND MEAT PACKING—3 ESTABLISHMENTS.					
Butchers	12	307	1 97	568 79	11.1
Engineers	3	306	1 77	541 62	10
Laborers	15	308	1 73	532 84	10
Teamsters	2	304	1 33	404 32	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

SODA AND MINERAL WATERS—8 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Bottlers	7	261	$1 78	$464 58	9.7
Bottle washers	3	283	38	107 54	7.3
Teamsters	3	273	1 39	379 47	10
STEEL, IRON AND TIN—16 ESTABLISHMENTS.					
Annealers	28	235	1 99	467 65	10
Bench men	90	310	2 17	672 70	10
Blacksmiths	15	260	2 27	590 20	9.9
Blacksmiths' helpers	4	239	1 72	411 08	10
Blast tenders	4	228	2 00	456 00	12
Boilermakers	96	225	2 20	495 00	10
Bricklayers	2	196	3 42	670 32	9.5
Brick masons	8	225	3 25	731 25	10
Cagers	82	251	1 65	414 15	12
Carpenters	24	240	2 07	496 80	9.9
Carpenters' helper	1	168	1 50	252 00	10
Casthouse men	12	168	2 08	349 44	12
Catchers	51	188	3 46	650 48	8
Chemists	14	213	2 33	496 29	9.7
Chemists' assistants	3	178	1 15	204 70	10
Cinder men	36	212	1 83	387 96	11
Cleaners	4	204	1 80	367 20	10
Crane men	3	103	1 69	174 07	10
Crib tender	1	303	1 60	484 80	12
Cutters	24	310	2 09	647 90	10
Doublers	51	188	2 42	459 36	8
Draughtsmen	6	225	2 35	753 75	10
Dumpers	6	213	2 10	447 30	12
Dust catchers	2	153	1 60	244 80	12
Dust catchers' helpers	10	153	2 00	306 00	12
Electricians	25	222	2 18	483 96	10
Engineers	62	229	2 36	540 44	11
Engineers' helpers	4	204	1 90	591 60	12
Fillers	215	212	1 93	409 16	12
Fillers' helpers	32	211	1 77	373 47	12
Filterers	2	153	1 50	229 50	12
Firemen	143	231	2 05	473 55	10
Firemen's helpers	2	153	1 75	289 45	12
Foremen	39	245	2 80	686 00	10
Furnace men	349	225	1 90	427 50	10
Gas men	5	270	1 80	486 00	12
Gin hands	3	253	1 50	379 50	10
Graders	9	153	1 55	237 15	10
Gutter men	11	266	1 67	444 22	10
Heaters	130	205	5 20	1,066 00	8.9
Helpers	57	223	2 19	488 37	10
Hookers	2	153	2 00	306 00	12
Hostler	1	240	1 80	432 00	10
Iron breakers	2	153	2 50	382 50	12
Iron breakers' helpers	2	153	2 00	306 00	12
Iron carriers	26	223	2 72	606 56	12
Iron drivers	2	213	2 00	426 00	12
Keepers	18	216	2 36	509 76	12
Keepers' helpers	14	209	2 00	418 00	12
Laborers	1,548	240	1 58	379 20	9.9
Loaders	13	244	1 61	392 84	11
Machinists	38	297	2 07	614 79	10
Matchers	51	188	2 48	466 24	8
Mechanics	35	245	2 59	634 55	10
Mechanics' helpers	17	204	1 66	338 64	10
Miners	55	284	2 37	677 08	8
Moulder	1	228	2 00	456 00	10
Oilers	2	153	1 75	289 45	12
Ore men	4	253	1 65	417 45	12
Picklers	2	13	2 40	31 20	10
Piecers	18	310	3 11	964 10	10
Pipefitters	4	310	1 80	558 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

STEEL, IRON AND TIN—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Puddlers	100	270¼	$3 00	$810 00	10
Pumpers	3	203	1 95	395 85	12
Railway employes	48	221	2 35	519 35	10
Rollers	212	253	4 24	1,072 72	9.5
Roll turners	6	238	3 03	721 14	10
Roughers	51	188	3 46	650 48	8
Scrappers	5	240	1 64	393 60	10
Shearmen	40	236	4 07	960 52	10
Steelworkers (skilled)	128	225	3 15	708 75	10
Steelworkers (unskilled)	317	225	1 95	438 75	10
Stockmen	20	168	1 50	252 00	10
Storekeepers	2	213	2 00	426 00	12
Stove tenders	12	213	1 84	391 92	12
Striker	1	165	1 48	244 20	10
Teamsters	9	227	1 49	340 13	10
Tenders	26	216	1 97	425 52	12
Trough men	4	168	1 85	310 80	12
Water tenders	2	168	2 15	361 20	10
Weighers	9	199	1 83	364 17	12
Wheelers	2	168	1 85	310 80	12
STONE, (CUT, SAWED AND ARTIFICIAL)—20 ESTABLISHMENTS.					
Blacksmiths	2	255	2 62	668 10	10
Blasters	2	222	1 50	333 00	10
Cement workers	2	60	1 75	105 00	10
Cutter	1	310	4 50	1,395 00	10
Drill hands	2	200	2 00	400 00	10
Engineers	18	234	2 16	505 44	9.9
Finishers	8	300	1 50	450 00	10
Firemen	9	246	1 52	373 92	10
Foremen	5	208	2 05	426 40	9.8
Laborers	82	212	1 56	330 72	9.7
Machine hands	3	276	2 00	552 00	10
Mixers	7	135	1 50	202 50	10
Moulders	2	100	1 50	150 00	10
Quarrymen	113	216	1 64	354 24	9.7
Quarrymen's helpers	3	232	2 25	522 00	10
Sawyers	2	300	2 00	600 00	10
Scabblers	5	310	3 00	930 00	10
Shippers	4	300	1 50	450 00	10
Stone cutters	6	232	2 80	649 60	9.5
Teamsters	4	243	1 31	318 33	10
Turner	1	310	3 50	1,085 00	10
Woodworkers	4	300	1 75	525 00	10
STOVES, RANGES AND FURNACES—10 ESTABLISHMENTS.					
Apprentices	24	241	1 38	332 58	9.4
Blacksmith	1	300	2 00	600 00	10
Carpenters	5	300	2 05	615 00	9
Cupola tender	1	300	1 50	450 00	10
Engineer	1	300	1 75	525 00	10
Foremen	4	224	2 62	586 88	9.7
Furnace fitters	3	292	1 60	467 20	10
Helpers	2	300	1 50	450 00	10
Installers	7	300	2 00	600 00	10
Laborers	82	278	1 54	428 12	9.2
Machinists	9	228	2 11	481 08	9.6
Moulders	79	270	2 65	705 50	9
Mounters	14	285	2 05	584 25	9.5
Polishers	8	262	2 50	655 00	9.3
Setters	6	296	2 00	592 00	10
Teamster	1	292	1 35	394 20	10
Tinners	8	301	1 89	568 89	9.2
Watchman	1	292	1 40	408 80	11

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

STRAWBOARDS AND PAPER—24 ESTABLISHMENTS.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Back tenders	10	237	$1 53	$362 61	12
Beater men	48	181	1 89	342 19	12
Beatermen's helpers	44	259	1 47	390 73	11
Blacksmith	1	26	1 50	39 00	10
Bleachers	6	200	1 40	280 00	10
Boxmakers	10	298	1 69	503 62	9.8
Calender men	10	299	1 89	565 11	9.7
Carpenters	4	278	2 18	605 84	10
Compositors	9	298	1 61	479 78	10
Cutters	23	296	1 43	423 28	11
Cutters (boys)	15	286	93	265 98	8.4
Distillers	2	280	3 00	840 00	12
Dryermen	5	288	2 10	604 80	10
Engineers	38	224	2 28	510 72	11
Engraver	1	290	2 50	725 00	10
Finishers	40	261	1 94	506 34	9.7
Firemen	45	250	1 77	442 50	11
Firemen's helpers	2	86	1 50	129 00	12
Folders	2	208	1 50	312 00	10
Foreman	1	238	2 50	595 00	10
Helpers	24	225	2 00	450 00	10
Laborers	226	228	1 55	353 40	10
Laborers (boys)	4	143	86	122 98	12
Loft men	12	302	1 79	530 58	8
Machinists	6	300	2 59	777 00	10
Machine men	109	220	2 23	490 60	11
Machine tenders' helpers	14	283	1 39	393 37	10
Mill hands	39	297	1 45	430 65	12
Millwrights	9	218	2 52	549 36	10
Notepaper workers	11	311	1 75	544 25	10
Packers	8	288	1 54	443 52	10
Paper mill hands	302	300	1 75	525 00	10
Porters	3	306	1 25	382 50	11
Pressmen	4	234	2 13	498 42	10
Pressmen's helpers	5	288	1 92	552 96	10
Pulp mill hands	62	311	1 75	544 25	10
Rotary tenders	3	280	1 71	478 80	8.6
Rotary tenders' helper	1	238	1 50	357 00	10
Ruler	1	302	3 00	906 00	9
Screeners	4	300	1 00	300 00	8
Shippers	12	300	1 58	474 00	10
Sorters	10	163	1 47	239 61	11
Stacker	1	238	1 50	357 00	10
Stockmen	2	288	1 71	492 48	10
Sweeper	1	288	1 00	288 00	10
Tablet makers	36	311	1 75	544 25	10
Teamsters	24	294	1 52	446 88	10
Teamsters' helpers	3	220	1 50	330 00	10
Teamsters (with teams)	2	257	3 25	835 25	10
Trimmers	3	303	2 38	721 14	9.6
Warehouse men	10	280	1 75	490 00	10
Washermen	8	288	2 00	576 00	10
Watchmen	8	230	1 67	384 10	11
Winder men	5	295	1 46	430 70	10
TINWARE, SHEET-IRON AND GALVANIZED-IRON WARE—9 ESTABLISHMENTS.					
Cutter	1	200	1 50	300 00	9
Helper	1	306	1 25	382 50	10
Laborers	39	282	1 49	420 18	9.9
Machine hands	69	305	1 30	396 50	10
Packer	1	200	1 25	250 00	9
Printer	1	306	1 50	459 00	9
Tinners	15	288	2 25	648 00	9.7
TOBACCO (CHEWING AND SMOKING)—1 ESTABLISHMENT.					
Foreman	1	275	2 00	550 00	10
Laborers	7	275	1 50	412 50	10
Packers	2	275	1 66	456 50	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
TOOLS—9 ESTABLISHMENTS.					
Apprentices	12	300	$1 50	$450 00	10
Blacksmiths	10	303	3 08	933 24	10
Blacksmiths' helpers	10	307	2 42	742 94	10
Boilermakers	4	304	2 75	836 00	10
Boilermakers' helper	1	309	1 50	463 50	10
Carpenters	2	296	2 00	592 00	10
Engineers	4	290	2 26	665 40	10.1
Erectors	3	296	2 00	592 00	10
Fitters	32	277	2 15	595 55	10
Forgers	29	263	2 16	468 08	9.5
Foundry men	4	309	1 96	605 64	10
Grinders	8	245	2 12	519 40	9
Laborers	2	300	1 50	450 00	10
Machinists	29	302	2 28	688 56	10
Packers	5	257	1 63	418 91	8.9
Painter	1	296	2 00	592 00	10
Polishers	39	274	2 01	550 74	9.9
Toolmakers	11	277	2 00	554 00	10
Woodworkers	3	277	2 50	692 50	10
WHIPS—3 ESTABLISHMENTS.					
Engineer	1	240	1 67	400 80	10
Finishers	12	273	1 50	409 50	10
Leather workers	2	240	1 40	336 00	10
Machine man	1	240	1 84	441 60	10
Painters	2	240	1 12	268 80	10
Shipping clerk	1	240	1 50	360 00	10
Stockmakers	11	276	1 54	425 04	10
Trimmers	2	240	1 45	348 00	10
Watchman	1	240	1 50	360 00	10
Whipmakers	10	314	1 61	505 54	10
Woodworkers	2	240	1 45	348 00	10
WIRE RODS, WIRE CLOTH AND WIRE GOODS—5 ESTABLISHMENTS.					
Blacksmith	1	114	2 00	228 00	10
Foremen	6	207	2 75	569 25	10
Laborers	16	220	1 52	334 40	10
Laborers (boys)	14	208	60	124 80	10
Machine operators	6	115	1 79	205 85	10
Machinists	3	114	1 41	160 74	10
Straightener	1	120	2 25	270 00	10
MISCELLANEOUS—61 ESTABLISHMENTS.					
Arch builders	2	260	1 75	455 00	10
Assemblers	6	250	1 20	300 00	10
Bailers	2	155	1 50	232 50	10
Bench men	2	250	1 40	350 00	10
Benders	5	271	1 62	439 02	10
Blacksmiths	9	308	2 26	696 08	10
Boatmaker	1	200	1 75	350 00	10
Boatmaker's helper	1	200	75	150 00	8
Boxmaker	1	150	1 67	250 50	9
Buffers	4	300	1 96	588 00	9
Carters	14	279	1 60	446 40	10
Carpenters	26	266	2 11	561 26	9.5
Compositors	9	300	2 00	600 00	10
Coremakers	10	305	1 75	533 75	9.9
Covermaker	1	260	1 66	431 60	10
Cutters	6	271	1 89	512 19	10
Draughtsmen	16	306	2 90	887 40	9
Drawers	44	212	1 65	349 80	10
Draymen	2	308	1 40	431 20	10
Electricians	4	307	1 95	598 65	10
Engineers	12	263	2 26	594 38	9.7
Feeder	1	200	1 50	300 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

MISCELLANEOUS—Concluded.

Occupation—Male.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Fillers	4	212	$1 75	$371 00	10
Finishers	64	305	2 01	613 05	9.9
Firemen	4	298	2 19	652 62	10
Fitters	37	307	1 83	561 81	10
Framemaker	1	306	1 00	306 00	10
Foremen	16	280	2 86	800 80	10
Gilder	1	300	2 00	600 00	10
Helpers	6	296	1 25	370 00	10
Laborers	314	280	1 40	392 00	9.9
Laborers (boys)	10	225	75	168 75	10
Lappers	10	291	1 72	500 52	10
Lathe hand	1	250	1 00	250 00	10
Locksmith	1	310	2 10	651 00	10
Machinists	64	295	1 98	584 10	9.5
Mechanics	70	285	1 46	416 10	9.6
Mixer	1	200	1 50	300 00	10
Moulders	21	293	2 03	594 79	9.5
Packers	47	291	1 36	395 76	9.9
Painters	29	271	1 80	487 80	10
Patternmakers	4	290	2 08	603 20	9.5
Photographer	1	300	1 85	555 00	10
Planer	1	275	1 50	412 50	10
Platers	3	300	1 50	450 00	10
Plumber	1	305	1 75	533 75	10
Porters	6	291	2 30	669 30	10
Pressmen	4	310	1 75	542 50	10
Pulleymakers	28	300	1 50	450 00	10
Regulators	15	291	2 20	640 20	10
Riveters	3	310	1 50	465 00	10
Roasters	2	225	2 00	450 00	9
Sawyers	5	265	1 60	424 00	10
Shippers	4	292	1 51	440 92	10
Stirrup binders	2	297	1 50	445 50	10
Spinners	2	300	2 37	711 00	9
Teamsters	6	290	1 69	490 10	9.9
Tinners	20	276	2 08	574 08	10
Toolmakers	5	307	2 22	681 54	10
Trimmers	4	302	1 62	489 24	9
Watchmen	4	296	1 82	538 72	11
Waxworkers	2	300	1 75	525 00	10
Weavers	8	275	1 35	371 25	9
Woodworkers	89	299	1 77	529 23	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ADVERTISING NOVELTIES AND SIGNS—1 ESTABLISHMENT.					
Painter	1	300	$1 00	$300 00	10
AGRICULTURAL IMPLEMENTS—1 ESTABLISHMENT.					
Painters	6	299	1 10	328 90	10
BASKETS—5 ESTABLISHMENTS.					
Basketmakers	21	298	71	211 58	10
Basket runners	4	85	1 00	85 00	8
Braiders	35	183	82	150 06	8.7
Laborers	9	221	66	145 86	10
BILLIARD TABLES, BAR AND STORE FIXTURES—2 ESTABLISHMENTS.					
Laborers	5	310	50	155 00	10
BOOTS AND SHOES—3 ESTABLISHMENTS.					
Finishers	8	287	62	177 94	9.5
Fitters	40	287	57	163 59	9.5
Packers	11	286	47	134 42	9.6
Shoemakers	2	247	65	160 55	8
BOXES (WOODEN)—2 ESTABLISHMENTS.					
Boxmakers	23	293	92	269 56	8.3
Paster	1	260	90	234 00	9
Trimmers	7	300	75	225 00	9
BREAD AND OTHER BAKERY PRODUCTS—17 ESTABLISHMENTS.					
Bakers	8	196	86	168 56	8.6
Clerk	1	300	50	150 00	10
Cooks	3	365	1 14	416 10	10.5
Dishwasher	1	365	41	149 65	12
Helpers	2	365	42	153 30	10
Saleswomen	7	309	59	182 31	9.4
BRICK AND TILE—4 ESTABLISHMENTS.					
Laborers	4	300	65	195 00	10
CANNED GOODS—24 ESTABLISHMENTS.					
Canners	43	127	1 18	149 86	9.3
Huskers	37	36	1 00	36 00	9.5
Labelers	3	15	1 00	15 00	10
Laborers	402	104	92	95 68	9.7
Peelers	268	85	97	82 45	9.8
Silkers	21	28	1 00	28 00	10
Sorters	15	75	1 00	75 00	10
CARRIAGES AND WAGONS—7 ESTABLISHMENTS.					
Machine operators	8	300	1 00	300 00	10
Trimmers	12	263	92	241 96	10
Trimmers' helpers	5	299	85	254 15	9.7
CIGARS—40 ESTABLISHMENTS.					
Boxers	3	217	50	108 50	9
Bunchbreakers	15	271	44	119 24	8.8
Cigarmakers	95	251	94	235 94	9.1
Packers	10	290	85	246 50	8.8
Rollers	38	266	86	228 76	9.7
Stemmers	13	253	56	131 68	9
Stogiemaker	1	307	1 80	552 60	11
Strippers	77	261	59	153 99	8.6

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
CLOTHING—65 ESTABLISHMENTS.					
Coatmakers	17	295	$1 00	$295 00	9
Cutter	1	275	1 55	426 25	9.5
Folder	1	285	1 25	356 25	9
Forewomen	6	296	1 23	364 08	9.8
Laborers	4	255	66	168 30	9.7
Machine operators	188	283	1 07	302 81	9.3
Presser	1	275	1 00	275 00	9
Seamstresses	91	260	72	187 20	9.2
Tailoresses	54	278	1 84	511 52	9.3
Trousermakers	53	288	1 00	288 00	9.2
Vestmakers	39	281	1 00	281 00	9.3
CONFECTIONERY—2 ESTABLISHMENTS.					
Clerk	1	140	50	70 00	10
Packer	1	250	75	187 50	9
Wrappers	2	250	70	175 00	9
COOPERAGE—1 ESTABLISHMENT.					
Laborers	1	200	1 00	200 00	10
COTTON AND WOOLEN GOODS (KNIT AND WOVEN)—14 ESTABLISHMENTS.					
Burlers	2	289	57	164 73	10
Carders	7	293	62	181 66	10
Cutters	9	299	81	242 19	10
Finishers	144	304	84	255 36	10
Hand sewers	28	60	83	49 80	10
Helper	1	276	70	193 20	10
Knitters	87	300	97	291 00	10
Laborers	2	188	67	125 96	9.5
Machine operator	1	289	70	202 30	10
Menders	11	302	76	229 52	9.8
Napper	1	289	55	158 95	10
Packers	8	297	82	243 54	10
Speckers	17	308	75	231 00	9.5
Spinners	16	297	76	225 72	10
Spoolers	61	301	92	276 92	10
Warper	1	289	80	231 20	10
Weavers	52	297	1 09	323 73	10
Winders	8	302	65	196 30	10
CUTLERY AND EDGED TOOLS—1 ESTABLISHMENT.					
Etchers	3	300	75	225 00	9
DAIRY PRODUCTS—2 ESTABLISHMENTS.					
Cheesemakers	2	240	1 23	295 20	8
Clerk	1	365	1 00	365 00	9
DRUGS, CHEMICALS AND DRUGGISTS' SUNDRIES—6 ESTABLISHMENTS.					
Advertising department hands	68	281	79	221 99	9
Laborers	10	306	86	263 16	8.8
Packers	4	306	70	214 20	9
Wrappers	3	275	1 00	275 00	8
ELECTRICAL GOODS AND SUPPLIES—4 ESTABLISHMENTS.					
Basemakers	9	252	1 44	362 88	10
Carbon workers	9	252	1 00	252 00	10
Exhausters	6	252	1 50	378 00	10
Finishers	31	262	1 02	267 24	10
Flangers	3	252	1 20	302 40	10
Forewoman	1	252	2 50	630 00	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

ELECTRICAL GOODS AND SUPPLIES—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Glassworkers	14	268	$1 25	$335 00	10
Helpers	15	252	85	214 20	10
Laboratory hands	8	268	1 25	335 00	10
Mounters	7	252	1 60	404 20	10
Photometer room hands	6	257	1 30	334 10	10
Pumping room employes	4	268	1 50	402 00	10
Repairers	4	252	1 75	441 00	10
Sealers	6	252	1 60	404 20	10
Sorters	5	15	75	11 25	9
Stemmakers	4	252	1 00	252 00	10
Tubers	2	252	1 40	352 80	10
Wrapper	1	252	1 00	252 00	10
FIREWORKS—2 ESTABLISHMENTS.					
Casemakers	23	277	89	246 53	9.2
Finishers	52	274	77	210 98	9.3
FOUNDRY AND MACHINE SHOP PRODUCTS—3 ESTABLISHMENTS.					
Assorters	6	294	75	220 50	10
Coremakers	14	309	75	231 75	10
Nutters	4	294	90	264 60	10
Tappers	6	294	1 00	294 00	10
FURNITURE—8 ESTABLISHMENTS.					
Assemblers	4	292	1 00	292 00	9
Chair caners	3	268	66	176 88	8.6
Finishers	2	331	60	198 60	10
Lacquerer	1	250	1 00	250 00	9
Packers	2	306	1 10	336 60	10
Sanders	2	300	66	198 00	10
GLASS AND GLASSWARE—3 ESTABLISHMENTS.					
Assorters	6	290	85	246 50	10
Cutters	23	246	1 25	307 50	10
Decorators	10	144	76	109 44	10
Etchers	5	246	1 35	332 10	10
Fillers	8	290	90	261 00	10
Grinders	53	115	58	66 70	10
Laborers	3	144	75	108 00	10
Moulders	3	246	60	147 60	9
Packers	20	246	65	159 90	10
GLOVES AND MITTENS—2 ESTABLISHMENTS.					
Forewomen	4	275	1 50	412 50	10
Machine operators	105	278	95	264 10	10
Packers	21	292	96	280 32	10
HANDLES—1 ESTABLISHMENT.					
Inspector	1	288	75	216 00	5
HARDWARE—2 ESTABLISHMENTS.					
Assemblers	2	302	88	265 76	10
Laborers	3	300	97	291 00	10
Packers	10	302	66	199 32	10
Platers	2	302	68	205 36	10
Polishers	11	302	79	238 58	10

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
HARNESS AND SADDLERY—5 ESTABLISHMENTS.					
Haltermakers	4	300	$0 75	$225 00	8
Harnessmakers	16	296	66	195 36	10
Machine operators	178	298	1 10	327 80	10
Padmakers	10	303	78	236 34	9.5
Riveters	22	296	80	236 80	10
Saddlemakers	30	300	74	222 00	9.6
Seamstresses	62	292	82	239 04	10
Turners	18	300	50	150 00	10
Tyers	18	300	60	180 00	10
HOLLOW WARE—2 ESTABLISHMENTS.					
Dippers	12	270	71	191 70	10
Painters	3	303	75	227 25	10
LEATHER AND LEATHER GOODS—2 ESTABLISHMENTS.					
Leather workers	19	275	90	247 50	10
Sewers	4	313	1 00	313 00	10
LIME, SAND, CEMENT AND PLASTER—1 ESTABLISHMENT.					
Sanders	7	308	60	184 80	9
LIQUORS (DISTILLED)—4 ESTABLISHMENTS.					
Bottlers	7	219	65	144 35	10
MACHINERY—2 ESTABLISHMENTS.					
Bolters	9	313	85	266 05	9
Riveters	19	313	85	266 05	9
Seamstress	1	309	1 00	309 00	10
MATCHES—3 ESTABLISHMENTS.					
Boxmakers	2	305	1 00	305 00	10
Fillers	30	270	75	202 50	10
Laborers	5	298	1 14	339 72	10
Matchmakers	195	305	1 00	305 00	10
Packers	76	302	90	271 80	10
Wrappers	4	270	75	202 50	10
PIANOS AND OTHER MUSICAL INSTRUMENTS—1 ESTABLISHMENT.					
Organ builders	11	294	75	220 50	10
PICKLES, PRESERVES AND SAUCES—4 ESTABLISHMENTS.					
Fillers	6	313	1 00	313 00	10
Laborers	21	96	85	81 60	10
Peelers	94	313	83	259 79	10
Timekeepers	2	313	1 00	313 00	10
POTTERY AND STONEWARE—25 ESTABLISHMENTS.					
Bisque brushers	35	241	96	231 36	9
Bisque warehouse employes	28	240	91	218 40	9
Carrier	1	134	1 00	134 00	10
Clayworkers	12	295	1 45	427 75	9
Decorators	515	284	1 18	335 12	9
Dippers	13	287	97	278 39	9
Drawers	25	291	97	282 27	8.3
Fettlers	30	306	87	266 22	9.8
Finishers	23	263	1 25	328 75	9.4
Glaziers	3	288	1 00	288 00	10
Glost warehouse employes	15	253	1 09	265 77	9

TABLE IVg—MANUFACTURES—VILLAGES—Continued.

POTTERY AND STONEWARE—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Helpers	17	277	$1 02	$282 54	9
Jiggermen's helpers	10	300	2 00	600 00	9
Laborers	243	295	1 51	445 45	8.5
Liners	10	252	1 25	315 00	9
Mould carriers	3	198	50	99 00	8
Offbearer	1	300	75	225 00	8
Printers	15	306	1 25	382 50	9
Slippers	2	275	82	225 50	10
Stockroom hands	4	275	1 25	343 75	9
Tinner	1	300	75	225 00	10
Tube headers	8	306	75	229 50	10
Turners	3	306	75	229 50	10
Waredressers	25	271	1 11	300 81	9
PRINTING AND BINDING—94 ESTABLISHMENTS.					
Apprentices	11	256	58	148 48	9.2
Binders	4	60	75	45 00	10
Compositors	158	238	80	190 40	9
Folders	4	314	68	213 52	10
Laborers	6	322	83	267 26	9.1
Linotype operators	2	312	3 00	936 00	8
Pasters	2	200	75	150 00	8
Pressfeeders	7	306	1 50	459 00	8
Proofreader	1	306	1 50	459 00	8
Reporters	4	305	1 24	378 20	8.7
PUMPS AND WATERWHEELS—1 ESTABLISHMENT.					
Pumpmaker	1	310	75	232 50	10
RUBBER GOODS—8 ESTABLISHMENTS.					
Coverers	3	190	50	95 00	10
Hand workers	15	305	70	213 50	10
Helpers	10	166	60	99 60	10
Inspectors	3	305	1 15	350 75	10
Laborers	64	266	1 20	319 20	9.7
Packer	1	190	50	95 00	10
Pressers	4	190	55	104 50	10
Rubber workers	32	300	1 00	300 00	10
Takers-off	3	175	1 00	175 00	10
SALT—2 ESTABLISHMENTS.					
Laborers	7	313	1 07	334 91	10
Packers	18	365	1 50	547 50	10
SASH, DOORS, LUMBER AND INTERIOR FINISH—1 ESTABLISHMENT.					
Laborer	1	190	1 25	237 50	10
STRAWBOARDS AND PAPER—16 ESTABLISHMENTS.					
Boxmakers	17	300	1 00	300 00	10
Counters	7	293	1 00	293 00	9.7
Cutters	2	208	1 00	208 00	10
Finishers	57	294	1 06	311 64	9.1
Laborers	26	268	75	201 00	10
Lay-off hands	4	288	91	262 08	10
Machine operators	58	300	1 04	312 00	10
Messenger	1	288	1 00	288 00	10
Paper mill hands	129	306	85	440 10	10
Pressfeeders	4	290	75	217 50	10
Sorters	95	282	87	245 34	8.2
Tabletmakers	28	311	85	264 35	10
Wrappers	2	288	67	192 96	10
TOBACCO (CHEWING AND SMOKING)—1 ESTABLISHMENT.					
Spriggers	35	275	1 00	275 00	8

TABLE IV*g*—MANUFACTURES—VILLAGES—Concluded.

Occupation—Female.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
TOOLS—2 ESTABLISHMENTS.					
Packer	1	277	$1 00	$277 00	8
Woodworkers	2	277	1 00	277 00	10
WHIPS—3 ESTABLISHMENTS.					
Finishers	16	280	1 00	280 00	10
Platters	11	240	65	156 00	10
Whipmakers	10	314	64	200 96	10
MISCELLANEOUS—20 ESTABLISHMENTS.					
Artist	1	300	1 17	351 00	3
Assemblers	4	296	75	222 00	10
Bookbinders	8	300	1 25	375 00	9
Boxmakers	5	150	90	135 00	8
Brushmakers	4	296	1 00	296 00	10
Carpenter	1	200	1 20	240 00	9
Compositor	1	300	75	225 00	8
Designer	1	307	2 17	666 19	9
Embroidery department	9	307	1 20	368 40	10
Forewoman	1	306	1 50	459 00	10
Helpers	2	300	50	150 00	9
Labelers	11	183	87	159 21	8.5
Laborers	18	275	85	233 75	9.3
Packers	17	264	1 06	279 84	10
Painters	2	268	1 20	321 60	10
Robemakers	2	302	87	262 74	9
Rollers	2	306	58	177 48	7
Seamstresses	70	297	1 11	329 67	9
Stencilmaker	1	300	75	225 00	9
Tinner	1	296	1 00	296 00	10
Tippers	5	306	75	229 50	8
Varnishers	2	296	1 00	296 00	10
Weavers	10	275	85	233 75	9
Wrapper	1	175	1 00	175 00	10

TABLE IV*gg*—MANUFACTURES—VILLAGES.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Agricultural implements	Blacksmith	1	5	.....
" "	Brushmaker	1	17	.....
" "	Carpenters	12	5	.....
" "	Engineer	1	5	.....
" "	Foremen	5	12.5	.....
" "	Helpers	3	5	.....
" "	Machinists	3	11.6	.....
" "	Painters	3	5	.....
" "	Watchman	1	5	.....
Bicycles, bicycle sund's & automobiles	Laborers	50	10	.....
" " "	Mechanics	20	10	.....
Billiard tables, bar and store fixtures	Cabinetmaker	1	20	.....
" " "	Laborers	2	15	.....
" " "	Turner	1	3	.....
Boilers, engines and tanks	Apprentices	36	4	.....
" "	Blacksmiths	12	.....	3.5
" "	Boilermakers	19	.....	7.4
" "	Boilermakers' helpers	5	.....	14
" "	Carpenters	11	.....	1.8
" "	Coremakers	4	39	.....
" "	Heaters	4	10	.....
" "	Helpers	40	65	.....
" "	Ironworkers	16	37	.....
" "	Laborers	15	10	.....
" "	Laborers	198	.....	6.8
" "	Machine men	260	1.1	.....
" "	Machinists	60	1.5	.....
" "	Moulders	63	.....	6.8
" "	Patternmakers	6	1.4	.....
" "	Plateworkers	8	10	.....
" "	Teamsters	2	2.5	.....
Bread and other bakery products	Bakers	3	13.3	.....
Brick and tile	Blacksmiths	5	.....	10
"	Blasters	2	.....	10
"	Brickmakers	136	5.7	.....
"	Burners	24	11.2	.....
"	Burners	8	.....	10
"	Carpenters	3	.....	9.3
"	Clayworkers	5	15	.....
"	Clayworkers	13	.....	10
"	Cutter	1	20	.....
"	Drawers	12	.....	10
"	Dumpers	2	.....	10
"	Engineers	8	15.1	.....
"	Engineers	1	.....	10
"	Firemen	2	10	.....
"	Firemen	3	.....	10
"	Foreman	1	15	.....
"	Foremen	14	.....	10.4
"	Haulers	6	.....	10
"	Kiln men	19	.....	10
"	Laborers	44	13	.....
"	Laborers	72	.....	12
"	Loaders	9	.....	10
"	Machine hands	2	.....	10
"	Mechanic	1	10	.....
"	Miners	4	10	.....
"	Miners	8	.....	6.5
"	Moulders	5	10	.....
"	Moulders	8	.....	10
"	Offbearers	15	11	.....
"	Offbearers	6	.....	14
"	Pan men	8	9.6	.....
"	Pan men	2	.....	14
"	Posters	2	.....	10
"	Pressers	3	10	.....
"	Pressers	2	.....	10
"	Pugger	1	6.4	.....
"	Pugger	1	.....	10
"	Pumpers	2	.....	10
"	Setter	1	10	.....
"	Setters	30	.....	5
"	Shaders	2	6	.....
"	Sorters	20	10	.....

TABLE IV*gg*—MANUFACTURES—VILLAGES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Brick and Tile	Teamsters	14	.....	10
"	Temperers	2	17	.....
"	Tilemakers	23	11.2	.....
"	Tossers	4	.....	10
"	Transfer men	2	.....	10
"	Truckers	2	.....	10
"	Watchman	1	10	.....
"	Watchman	1	.....	10
"	Weighman	1	.....	10
"	Wheelers	16	10	.....
"	Wheelers	4	.....	13
"	Yard man	1	.....	10
Canned goods	Laborers	10	10	.....
Carriage and wagon materials	Belters	3	25	.....
" "	Engineer	1	12.5	.....
" "	Foremen	4	4	.....
" "	Laborers	50	4	.....
" "	Laborers (boys)	8	4	.....
" "	Machine hands	40	10	.....
" "	Packers	15	10	.....
" "	Varnishers	10	10	.....
" "	Wheelmakers	54	4	.....
" "	Woodworkers	8	10	.....
" "	Yard men	16	9.2	.....
Cars and car furnishings	Laborers	20	10	.....
" "	Machinists	3	16.6	.....
Churns	Laborers	8	10	.....
"	Turners	2	10	.....
Cigars	Bunchers	3	10	.....
"	Rollers	5	5	.....
"	Stockman	1	10	.....
"	Stogiemakers	7	.....	10
Cooperage	Coopers	10	.....	10
"	Engineers	4	8.2	.....
"	Hoopmakers	28	5	.....
"	Laborers	51	15	.....
"	Sawyers	14	9.4	.....
"	Stavemakers	23	5	.....
Cotton and woolen goods	Carder	1	5	.....
" "	Engineer	1	15	.....
" "	Feeder	1	.....	35
" "	Foreman	1	5	.....
" "	Fuller	1	10	.....
" "	Helper	1	10	.....
" "	Pickers	14	10	.....
" "	Picker	1	.....	45
" "	Sorter	1	10	.....
" "	Wool washer	1	5	.....
Dairy products	Buttermakers	2	10	.....
" "	Buttermaker	1	.....	10
" "	Buttermaker's assistant	1	20	.....
" "	Separators	5	10	.....
" "	Skimmer	1	10	.....
Drugs, chemicals and druggists' sund's	Laborers	28	3	.....
Flouring mill products	Coopers	6	.....	12
" "	Engineers	4	11.6	.....
" "	Fireman	1	25	.....
" "	Helpers	5	12.4	.....
" "	Laborers	10	10	.....
" "	Millers	12	15.7	.....
" "	Oiler	1	10	.....
" "	Sweeper	1	5	.....
" "	Teamster	1	10	.....
" "	Teamster	1	.....	18
Foundry and machine shop products	Blacksmith	1	20	.....
" " "	Blacksmiths	3	.....	10
" " "	Blacksmiths' helper	1	20	.....
" " "	Cleaners	20	.....	10
" " "	Coremakers	7	.....	10
" " "	Cupola men	18	.....	10
" " "	Electricians	2	.....	10
" " "	Engineers	2	.....	10
" " "	Firemen	2	.....	10

TABLE IV*gg*—MANUFACTURES—VILLAGES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Foundry and machine shop products	Laborers	61	4	.....
" " "	Laborers	37	.....	10
" " "	Loaders	6	.....	10
" " "	Machinists	7	7.8	.....
" " "	Machinists	15	.....	10
" " "	Moulders	60	.....	10
" " "	Moulders' helpers	10	.....	10
" " "	Patternmakers	6	.....	10
" " "	Pipefitters	100	.....	10
" " "	Yard men	5	6	.....
Furniture	Cabinet makers	8	10	.....
"	Cabinet makers	14	.....	2.7
"	Engineer	1	5	.....
"	Finishers	12	10.3	.....
"	Laborers	43	7.2	.....
"	Machine men	29	11.3	.....
"	Machine men	16	.....	5
"	Packer	1	7	.....
"	Packers	4	.....	10
"	Polishers	2	10	.....
"	Rubbers	3	25	.....
"	Sawyers	3	6	.....
"	Teamsters	7	4.5	...
"	Varnishers	3	.....	4
"	Watchmen	5	3	.....
"	Watchman	1	.....	4
"	Woodworkers	12	7.5	.....
Gas and electricity	Clerk	1	25	.....
" "	Electricians	3	19.1	.....
" "	Engineers	11	14.1	.....
" "	Firemen	2	9	.....
" "	Helper	1	10	.....
" "	Laborers	4	10.6	.....
Glass and glassware	Bookers	3	26.7	.....
Handles	Engineer	1	10	.....
"	Finishers	11	8	.....
"	Helper	1	33	.....
"	Laborers	49	10.3	.....
"	Lathe hand	1	10	.....
"	Sawyers	4	10.2	.....
"	Shavers	9	3	.....
"	Turners	3	10	.....
Hardware	Foremen	2	20	.....
"	Mechanics	8	33.3	.....
"	Moulders	16	5	.....
Harness and saddlery	Assorters	2	7.1	.....
" "	Awler	1	5.2	.....
" "	Cutters	4	8.5	.....
" "	Engineers	2	19.2	.....
" "	Foremen	3	25.5	.....
" "	Harnessmakers	18	10	.....
" "	Machine men	2	10	.....
" "	Packers	3	9	.....
" "	Pickers	3	7.1	.....
" "	Shipping clerk	1	6.6	.....
" "	Stuffers	6	5.2	.....
Ice (artificial)	Hostler	1	12.5	.....
"	Laborers	2	10	.....
"	Tank men	2	8	.....
Lime, sand, cement and plaster	Coopers	2	.....	10.5
" " "	Driver	1	.....	14
" " "	Engineers	2	25	.....
" " "	Engineers	4	.....	15.5
" " "	Filler	1	16	.....
" " "	Firemen	4	.....	10
" " "	Firemen	2	5	.....
" " "	Laborers	2	11	.....
" " "	Laborers	13	.....	10.4
" " "	Machine man	1	20	.....
" " "	Machine men	6	.....	10
" " "	Mixer	1	1	.....

TABLE IV*gg*—MANUFACTURES—VILLAGES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Lime, sand, cement and plaster	Sanders	2	14	.....
" " "	Stockkeeper	1	.....	10
" " "	Teamsters	3	14	.....
" " "	Tyer	1	16	.....
" " "	Wheelers	2	.....	10
Liquors (distilled)	Engineer	1	10	.....
" "	Fireman	1	10	.....
" "	Laborers	9	10	.....
" "	Teamster	1	10	.....
Liquors (malt)	Driver	1	.....	20
" "	Engineer	1	10	.....
Machinery	Assemblers	6	5	.....
"	Blacksmith	1	10	.....
"	Fireman	1	7.5	.....
"	Foremen	2	12.5	.....
"	Machinists	10	5	.....
"	Machinists' helpers	2	4.5	.....
"	Patternmakers	3	5	.....
"	Vise hands	4	10	.....
Marble and granite	Letterer	1	10	.....
Pianos and other musical instruments	Organ builders	64	33	.....
" " "	Pianomakers	4	3	.....
Pottery and stoneware	Engineer	1	4.4	.....
" "	Jiggermen	6	.....	5
" "	Jollymen	8	4.4	.....
" "	Laborers	106	9.6	.....
" "	Packers	6	10	.....
" "	Puggers	2	10	.....
" "	Turners	3	7.1	.....
" "	Watchman	1	5.2	.....
Printing and binding	Apprentice	1	50	.....
" "	Compositors	51	12.2	.....
" "	Foremen	2	13.5	.....
" "	Janitor	1	20	.....
" "	Pressfeeder	1	20	.....
" "	Pressman	1	11	.....
Pumps and water wheels	Cupola tender	1	9.3	.....
" "	Draughtsmen	3	10	.....
" "	Engineer	1	10	.....
" "	Engineer	1	.....	12.5
" "	Lathe men	5	10	.....
" "	Laborers	17	8.5	.....
" "	Machinists	30	10	.....
" "	Mechanics	6	10	.....
" "	Moulders	10	10	.....
" "	Painters	2	.....	8
" "	Patternmakers	6	10	.....
Salt	Miners	2	.....	11
Sash, doors, lumber and interior finish	Apprentice	1	50	.....
" " "	Bench man	1	10	.....
" " "	Bench man	1	.....	10
" " "	Carpenters	32	9.6	.....
" " "	Engineers	5	17.4	.....
" " "	Finisher	1	12.5	.....
" " "	Fireman	1	10	.....
" " "	Fireman	1	.....	6.7
" " "	Foreman	1	10	.....
" " "	Laborers	2	15	.....
" " "	Logger	1	15	.....
" " "	Machine hand	1	10	.....
" " "	Mill men	58	6.8	.....
" " "	Mill men	5	.....	1
" " "	Offbearer	1	10	.....
" " "	Planer hand	1	8	.....
" " "	Sawyers	3	11.6	.....
" " "	Setter	1	10	.....
" " "	Teamsters	7	12.4	.....
" " "	Teamsters	2	.....	12.5
" " "	Woodworker	1	15	.....
" " "	Yard man	1	7	.....

TABLE IV*gg*—MANUFACTURES—VILLAGES—Continued.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Soda and mineral waters	Bottler	1	10	.....
Steel, iron and tin	Bench men	90	.....	12
" "	Blacksmiths	10	.....	8.4
" "	Blacksmiths' helpers	3	.....	10
" "	Bricklayers	9	.....	10
" "	Cagers	8	.....	11.7
" "	Carpenters	8	.....	11.9
" "	Carpenters' helper	1	.....	10
" "	Chemists	3	.....	10
" "	Cinder men	17	.....	11
" "	Cleaners	2	.....	10
" "	Cutters	25	.....	8
" "	Electrician	1	7	.....
" "	Engineer	1	10	.....
" "	Engineers	31	.....	9.8
" "	Fillers	89	.....	11
" "	Firemen	15	.....	9.9
" "	Foremen	21	.....	10.5
" "	Gas men	5	.....	10
" "	Gutter men	11	.....	12.8
" "	Helpers	27	.....	10.3
" "	Keepers	8	.....	10
" "	Laborers	325	.....	9.3
" "	Loaders	4	.....	5
" "	Machinists	34	.....	15.6
" "	Machine men	28	.....	10
" "	Ore diggers	14	.....	13
" "	Piercers	18	.....	23
" "	Pipefitters	4	.....	5
" "	Puddlers	100	4	.....
" "	Rollers	46	.....	20
" "	Scrappers	4	.....	10
" "	Shearmen	20	.....	10
" "	Stockmen	20	.....	10
" "	Striker	1	.....	10
" "	Teamsters	5	.....	7.2
" "	Tenders	19	.....	10.4
" "	Tinners	3	.....	10
" "	Weighmen	4	.....	11.5
" "	Wheelers	2	.....	10
Stone (cut, sawed and artificial)	Engineer	1	.....	11
" " "	Laborers	9	7	.....
" " "	Quarrymen	27	10	.....
" " "	Sawyers	2	14	.....
" " "	Woodworkers	4	16.7	.....
Strawboards and paper	Compositor	1	33.3	.....
" "	Engineers	3	6	.....
" "	Engineers	2	.....	5
" "	Finishers	2	10	.....
" "	Helpers	4	10	.....
" "	Laborers	42	.....	19
" "	Machine men	4	.....	2
" "	Millwright	1	.....	12
" "	Pressman	1	11	.....
Tinware, sheet-iron and galvanized-iron ware	Machine men	69	3	.....
Tools	Carpenters	2	.....	10
"	Machinists	11	.....	12.1
Whips	Whipmakers	10	3	.....
Wire rods, wire cloth and wire goods	Blacksmith	1	33	.....
" " " "	Laborers (boys)	6	25	.....
" " "	Machinists	2	12.3	.....
" " "	Machine operator	1	15	.....
Miscellaneous	Baler	1	10	.....
"	Compositors	9	10	.....
"	Engineers	2	18	.....
"	Feeder	1	10	.....
"	Helper	1	5	.....
"	Laborers	45	8.7	.....
"	Machinist	1	4	.....
"	Riveters	3	14	.....
"	Sawyers	3	7	.....

TABLE IV*gg*—MANUFACTURES—VILLAGES—Concluded.

Table by Industries, Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Industries.	Occupation—Male.	Number of employes.	Advanced per cent.	Reduced per cent.
Miscellaneous	Teamsters	2	5	.....
"	Tinners	10	20	.....
"	Waxworkers	2	15	.....
Totals and averages		2,565 1.987	9.4	 10

Industries.	Occupation—Female.	Number of employes.	Advanced per cent.	Reduced per cent.
Brick and tile	Laborers	4	18.1	.....
Canned goods	Laborers	18	10	.....
Cigars	Bunchers	3	3	.....
"	Rollers	3	25	.....
"	Strippers	7	10	.....
Clothing	Laborer	1	10	.....
"	Tailoresses	3	.....	20
Cotton and woolen goods	Burlers	2	3	.....
" "	Feeder	1	36	.....
" "	Folders	2	7	.....
" "	Machine operator	1	16	.....
" "	Napper	1	.....	15
" "	Spinners	2	25	.....
Drugs, chemicals and druggists' sund's.	Advertising department hand.	1	5	.....
Foundry and machine shop products	Tappers	6	.....	20
Lime, sand, cement and plaster	Sanders	7	20	.....
Pianos and other musical instruments	Organ builders	11	20	.....
Pottery and stoneware	Laborers	20	10	.....
Printing and binding	Apprentices	3	9.8	.....
" "	Compositors	21	17.7	.....
Strawboards and paper	Laborers	10	5.8	.....
" "	Machine operators	3	3	.....
Whips	Whipmakers	10	.....	4
Miscellaneous	Bookbinders	8	25	.....
"	Designer	1	14	.....
"	Embroidery department hands	9	45	.....
"	Laborers	9	.....	7
"	Seamstresses	28	2	.....
"	Varnishers	2	10	.....
"	Waxworkers	2	5	.....
Totals and averages		170 29	13.4	..... 10.3

Part III.

PRISON LABOR.

State of Ohio.

BUREAU OF LABOR STATISTICS.

Columbus, Ohio, August 14, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

Dear Sir:—Pursuant to my commission from you dated June 23, 1905, to visit the penal and reformatory institutions of the State of Ohio, with full power to make investigations of the same, under 7432-1 and 7432-2 of the Revised Statutes of Ohio, I respectfully submit the following report.

I visited the following twelve institutions and ascertained the facts and figures as required by law: Boys' Industrial School, Lancaster, Columbus Workhouse, Ohio Penitentiary, Toledo Workhouse, Zanesville Workhouse, Stark County Workhouse, Cleveland House of Correction, Girls' Industrial Home, Delaware, Ohio State Reformatory, Mansfield, Dayton City Workhouse, Xenia City Workhouse, Cincinnati City Workhouse.

My instructions were to ascertain in each institution the following data:

Name of institution.

Total number of prisoners.

Number prisoners employed, all occupations.

Number prisoners unemployed.

Goods or wares manufactured.

System of labor prevailing.

Name of manufacturing establishment.

Number of prisoners engaged in manufacture.

These statistics on each separate institution will be found in the following appended tables. The figures in these tables were given to me by the superintendent or secretary, and are averages for June, 1905.

These tables show the total number of prisoners in these twelve institutions to be 5,151. Of this number, 4,953 are working and 198 are idle in consequence of being sick, crippled or superannuated. The rule being in all these institutions that all prisoners must be kept busy either at manual labor or in school, unless physically or mentally disabled. "You must keep them busy or they will keep you busy," facetiously remarked an officer in one of these institutions, and the fact that they are usually kept profitably busy is the secret of much of the success in point of discipline and reformation in a goodly number of these prisons.

Of the total number employed, 2,220 are engaged in the manufacture of brushes, brooms, bricks, wire goods, cigars, bolts and nuts, cuspidors, stoves, bits, buckles, snaps, rings, farm and garden tools, etc. In other words, about 45 per cent. are engaged in productive labor and the remainder (2,733), or 55 per cent., are engaged in unproductive labor; such as kitchen work, cooking, mowing lawns, cleaning halls, laundering, and odd jobs of various kinds.

There are three prevailing systems under which prison labor is employed, viz.: the "contract, piece-price and public account systems."

"Under the 'contract system' contracts are made with private individuals, firms or corporations in accordance with which convicts are employed in manufacturing industries, at certain agreed prices, for their labor, for fixed periods of time, the prisoners working under the immediate direction of the contractor or his agents, but remaining under the general supervision and control of the prison authorities.

"Under the 'piece-price system,' contracts are made with private individuals, firms or corporations, under which the prison is furnished by them with materials in proper shape for working. The materials thus furnished are converted by the labor of the convicts into finished products, which are delivered to the contractors at agreed prices per piece—the work of manufacturing being conducted wholly under the supervision of the prison officials.

"Under the 'public account system,' the convicts are worked exclusively for the benefit of the State. The convicts or inmates of the Ohio Penitentiary that are not required by the State to care for the institution and manufacture supplies for the same are employed under the 'piece-price and contract systems.' "

The industrial and reformatory methods used in these penal institutions at the present time are not only in keeping with the present advanced state of civilization but also in some instances at least, they are based on a sound knowledge of the physical and psychical peculiarities of criminals, technically called criminal anthropology. The whole system of management in some of these prisons is so humane, so wholesome, so in accordance with good sense and sound judgment as to meet with the approval of the most critical inspector. There are but two factors which make up all grades of men from the vilest criminal to the most noble type of man. These are heredity and environment. The question of heredity is beyond the control of those in charge of these institutions, but the question of environment is partly within their control, and in this respect the three reformatories—the Ohio State Reformatory at Mansfield, the Boys' Industrial School at Lancaster, and the Girls' Industrial Home at Delaware, must indeed excite the wonder and the admiration of any one who visits their beautiful grounds, their clean halls, kitchens, dormitories, baths, and sanitary workshops. In short, the environment is clean, beautiful and uplifting. And the kind treatment, which the officers in charge usually extend to the inmates, generally elicits from the inmates respectful obedience. Kindness guided by intelligence seems to be characteristic of the beautiful discipline of these reformatories. Statistics show that about 70 per cent. of those who graduate from these places cease to do evil and learn to do good. These institutions are indeed the pride of the great State of Ohio, and every citizen ought to visit them and know what they are doing for the unfortunate ones of the State.

The reformation of the criminal is the next greatest work to the prevention of crime. The best efforts of every loyal, patriotic citizen, as well as of every philanthropist and labor leader, ought to be exerted to reduce crime to a minimum. The chief cause of crime when reduced to its final analysis is ignorance. It is a fact that a very large proportion of young men and women in these reformatories enter them deficient in the common school branches. When the inherited tendencies to crime are not too strong, the developing and softening influences of intellectual and moral training as carried on in these reformatories are sufficient to impress the wrong-doer of the evil of his way.

Respectfully submitted,

G. W. LEAHY.

Special Agent.

TABLE I—PRISON LABOR.

Giving Name of Institution, Total Number of Prisoners, Number Prisoners Employed and Unemployed.

Name of Institution.	Total number of prisoners.	No. prisoners employed—all occupations.	No. prisoners unemployed.
Ohio Penitentiary	1,609	1,450	159
Columbus Workhouse	230	229	1
Cincinnati City Workhouse	508	493	15
Cleveland House of Correction	370	370	.....
Toledo Workhouse	142	137	5
Dayton City Workhouse	62	44	18
Ohio State Reformatory	852	852	.....
Stark County Workhouse	61	61	.....
Boys' Industrial School	886	886	.....
Xenia City Workhouse	40	40	.....
Zanesville Workhouse	63	63	.....
Girls' Industrial Home	328	328	.....

TABLE II—PRISON LABOR.

Giving Name of Institution, Goods or Wares Manufactured, Systems of Labor Prevailing, Name of Manufacturing Establishment, and Number Prisoners Engaged in Manufacture.

Name of Institution.	Goods or wares manufactured.	System of labor prevailing.	Name of manufacturing establishment.	No. prisoners engaged in manufacture
Ohio Penitentiary	Farm and garden tools	Day Contract	The Brown, Hinman & Huntington Co	122
" "	Saddlery hardware	" "	P. Hayden Saddlery Hardware Co	175
" "	Washers, nuts and stamp goods	" "	The E. B. Lanman Co	101
" "	Stoves	" "	The Pioneer Stove Co	58
" "	Hollow ware	" "	The Columbus Hollow Ware Co	141
" "	Bolts and nuts	Piece price	Columbus Bolt Works	292
" "	Cigars	" "	G. B. Sprague Cigar Co	174
" "	Brooms, whisks and mops	" "	National Broom Co	60
Columbus Workhouse	Brushes	" "	Bromwell Brush & Wire Goods Co	20
" " "	Wire goods	Five-year contract	Bromwell Brush & Wire Goods Co	130
Cincinnati Workhouse	Brushes	Contract	Bromwell Brush & Wire Goods Co	150
" " "	Wire goods	"	Bromwell Brush & Wire Goods Co	60
Cleveland House of Correction	Brushes	Public account	Cleveland House of Correction	100
" " "	Fascinators	" "	Cleveland House of Correction	25
Toledo Workhouse	Bricks	" "	Toledo Workhouse	80
Dayton City Workhouse	Brushes	Contract	Cincinnati Manufacturing Co	35
Ohio State Reformatory	Brushes	"	Bromwell Brush & Wire Goods Co	553
" " "	Brick		Ohio State Reformatory	25
Stark County Workhouse	Brushes	Contract	Standard Brush Co	40
Boys' Industrial School	Shoes	Public account	Boys' Industrial School	20
" " "	Clothing	" "	Boys' Industrial School	42
" " "	Bricks	" "	Boys' Industrial School	70
Xenia City Workhouse	Brooms	Piece price	Buckeye Broom & Brush Co	35
Zanesville Workhouse	Brooms	Public account	Zanesville Workhouse	30
Girls' Industrial Home	*Baskets	Piece price	Girls' Industrial Home	37

*When a basket is sold, the money is given to the girl who made it.

TABLE III—PRISON LABOR.

Table Showing Relation of Prison Labor in Various Lines of Industry to Free Laborers Engaged in Same Industry in State.

Name of institution.	Goods or wares manufactured.	Name of manufacturing establishment.	No. prisoners engaged in manufacture.	No. free laborers engaged in same industry in state.	No. prisoners allowed by 10 per cent. law.
Ohio Penitentiary	Farm and garden tools	The Brown, Hinman & Huntington Co	122	397	40
" "	Saddlery hardware	P. Hayden Saddlery Hardware Co	175	1,638	164
" "	Washers, nuts and stamp goods	E. B. Lanman Co	101	2,735	274
" "	Stoves	The Pioneer Stove Co	58	6,357	636
" "	Hollow ware	The Columbus Hollow Ware Co	141	617	62
" "	Bolts and nuts	The Columbus Bolt Works	292	2,735	274
" "	Cigars	G. B. Sprague Cigar Co	174	9,419	942
" "	Brooms, whisks and mops	National Broom Co	60	869	87
Columbus Workhouse	Brushes	Bromwell Brush & Wire Goods Co	20	869	87
" " "	Wire goods	Bromwell Brush & Wire Goods Co	130	1,721	172
Cincinnati City Workhouse	Brushes	Bromwell Brush & Wire Goods Co	150	869	87
" " "	Wire goods	Bromwell Brush & Wire Goods Co	60	1,721	172
Cleveland House of Correction	Brushes	Cleveland House of Correction	100	869	87
" " "	*Fascinators	Cleveland House of Correction	25	.....	.....
Toledo Workhouse	Bricks	Toledo Workhouse	80	10,686	1,069
Dayton City Workhouse	Brushes	Cincinnati Manufacturing Co	35	869	87
Ohio State Reformatory	Brushes	Bromwell Brush & Wire Goods Co	553	869	87
" " "	Bricks	Ohio State Reformatory	25	10,686	1,069
Stark County Workhouse	Brushes	Standard Brush Co	40	869	87
Boys' Industrial School	Shoes	Boys' Industrial School	20	14,285	1,428
" " "	Clothing	Boys' Industrial School	42	14,778	1,478
" " "	Bricks	Boys' Industrial School	70	10,686	1,069
Xenia City Workhouse	Brooms	Buckeye Broom & Brush Co	35	869	87
Zanesville Workhouse	Brooms	Zanesville Workhouse	30	869	87
Girls' Industrial Home	Baskets	Girls' Industria Home	37	251	25

*None reported to Bureau.

Part IV.

COAL MINING.

COAL MINING FOR 1904, WITH COMPARISONS FOR 1903.

STATE SUMMARY.

Classification.	1903.	1904.	Increase.	Decrease.
Number of mines reporting	575	596	21	.....
Number employed (monthly average)	36,460	37,004	544	.....
Number superintendents, salesmen and office help (monthly average)	901	1,014	113	.....
Capital invested in grounds, buildings and machinery	$32,854,018 00	$36,661,245 00	$3,807,227 00	.....
Value of production	$28,135,893 33	$24,703,137 47	.....	$3,432,755 86
Amount paid for rent, taxes and insurance	$888,580 30	$778,159 40	.....	$110,420 90
Amount paid in wages	$19,113,466 75	$18,718,249 43	.....	$395,217 32
Amount paid superintendents, salesmen and office help	$900,286 92	$984,220 56	$83,933 54	.....
Average number of days worked per employe	191	173	.....	18
Average daily wages per employe	$2 60	$2 46	.....	$0 14
Average yearly earnings per employe	$496 60	$425 58	.....	$71 02
Average hours of daily labor per employe	8	8	.....	.....
Number affected by advance in wages	26,950	64	.....	26,886
Number affected by reduction in wages	.....	29,343	29,343	.....
Average per cent. advance in wages	12.5	9.4	.....	3,1
Average per cent. reduction in wages	.....	5,6	5.6	.....

TABLE I—COAL MINING.

Giving by Counties Total Number of Mines Reported, Total Amount of Capital Invested in Grounds, Buildings and Machinery, Total Value of Coal Produced, and Total Amount Paid for Rent, Taxes and Insurance for the Year 1904.

Counties.	No. of mines reported.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during Year 1904.	Amount paid for rent, taxes and insurance during year 1904.
Athens	45	$5,540,297	$3,442,825 95	$170,897 87
Belmont	49	5,958,663	2,878,913 02	45,706 33
Carroll	10	382,200	291,980 25	13,883 82
Columbiana	31	576,889	732,335 08	6,936 61
Coshocton	19	349,732	392,282 70	7,909 19
Gallia	2	16,500	21,408 00	340 00
Guernsey	21	2,038,748	2,405,054 65	93,443 68
Harrison	12	946,174	284,827 50	6,756 87
Hocking	15	3,785,132	2,268,912 67	146,200 83
Holmes	9	15,050	29,725 95	1,456 90
Jackson	58	2,947,101	2,806,814 12	48,863 11
Jefferson	43	3,844,069	2,453,990 50	48,484 50
Lawrence	14	250,457	166,634 53	4,245 74
Mahoning	13	37,600	98,902 63	3,789 48
Medina	8	53,100	145,467 03	802 48
Meigs	16	274,000	187,119 41	11,192 26
Morgan	2	56,500	88,927 01	1,082 86
Muskingum	39	346,400	203,841 65	7,431 24
Noble	14	10,100	14,505 38	529 37
Perry	52	4,247,225	2,387,715 72	105,010 79
Portage	3	163,784	215,005 07	1,616 53
Scioto	2	6,200	12,140 90	396 00
Stark	46	2,471,927	1,373,429 83	18,364 85
Summit	8	303,351	165,852 12	2,111 00
Trumbull	3	6,000	11,224 58	132 00
Tuscarawas	45	1,704,346	1,298,267 72	22,737 39
Vinton	10	220,700	178,214 30	5,871 20
Washington	1	1,000	5,200 00	20 00
Wayne	6	108,000	141,619 20	1,946 50
Totals	596	$36,661,245	$24,703,137 47	$778,159 40

TABLE II—COAL MINING.

GIVING CAPITAL INVESTED IN GROUNDS, BUILDINGS AND MACHINERY, VALUE OF COAL PRODUCED AND AMOUNT PAID FOR RENT, TAXES AND INSURANCE FOR THE YEAR 1904.

TABLE III—COAL MINING—ATHENS COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10000	$52,000	$60,000 00	$600 00
*10001	80,000	115,738 50	1,500 00
10002-1	136,113	214,058 46	2,617 18
10002-2	131,133	279,709 64	2,611 18
10005	3,000	15,000 00	.....
†10006	3,750,000	1,378,497 15	116,413 39
10007	800	1,750 00	40 00
10009	100,000	174,354 09	757 17
10012	2,000	24,000 00	1,650 00
10013	12,000	39,360 00	.....
10015	4,000	10,250 00	1,300 00
10016	20,000	78,533 66	2,358 40
*10018	.....	12,060 00	.....
10019	75,000	104,340 00	8,934 34
*10022	74,578	155,901 75	3,057 26
10023	1,000	35,000 00	200 00
10024	40,000	37,947 27	255 83
10025	20,000	6,000 00	100 00
10028	26,725	93,865 70	150 00
10028½	54,704	7,736 15	.....
10030	5,000	15,000 00	250 00
10031	44,000	17,923 46	1,200 00
10211	2,000	40,000 00	3,000 00
10003	583,744	299,537 87	16,041 12
‡10010	250,000	146,762 25	7,362 00
10014	50,000	75,000 00	250 00
10032	22,500	4,500 00	250 00
Totals 45	$5,540,297	$3,442,825 95	$170,897 87

*2 mines; †14 mines; ‡3 mines.

TABLE II2—COAL MINING—BELMONT COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10035	$1,200,000	$806,277 33	$10,525 14
10036	20,000	43,200 00	500 00
10037	47,000	78,000 00	1,200 00
10038	200,000	25,290 00	417 53
10039	10,500	20,600 00	90 00
10040	173,248	101,372 54	1,327 25
10041	1,250	7,523 00	641 50
10043	2,500	2,184 40	40 00
10044	1,800	4,680 00	60 00
10045	100	500 00	2 00
10046	400	1,770 00	125 00
10047	1,000	1,150 00	20 00
†10048	300,000	113,749 83	1,379 14
†10050	140,000	263,268 86	1,045 17
10051	35,000	72,196 08	1,500 00
10052	15,000	15,579 63	158 00
‡10053	500,000	303,473 69	2,624 74
10054	1,654,500	334,740 00	11,490 00
10055	.....	6,096 79	320 91
10056	7,000	5,322 00	180 00
10058	6,000	3,000 00	159 17
‡10059	257,571	176,208 00	209 00
10060	3,200	2,870 00	15 00
10061	700	925 00	530 00
10063	65,801	47,246 01	1,317 36
10065	50,000	44,227 00	536 00
10067	18,000	8,750 00	650 00
10068	161,000	15,000 00	600 00
10069	35,000	30,000 00	500 00
10070	535,000	14,397 08	2,642 27
10071	66,728	44,138 10	508 57
†10072	75,000	56,130 70	890 98
10073	17,000	8,750 00	1,400 00
10596	85,418	39,470 66	534 28
10066	150,000	65,000 00	250 00
10075	45,654	11,949 62	225 00
10076	77,293	3,876 70	1,092 32
Totals.....49	$5,958,663	$2,878,913 02	$45,706 33

*4 mines; †2 mines; ‡3 mines.

TABLE II3—COAL MINING—CARROLL COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10080	$1,000	$1,450 70	$3 43
10081	100,000	33,540 00	875 39
10083	100	250 00	15 00
*10084	230,000	197,464 24	12,400 00
10086	51,000	50,220 00	290 00
10087	.....	6,890 16	300 00
10090	100	360 00	.....
10082	.....	1,805 15	.....
Totals.....10	$382,200	$291,980 25	$13,883 82

*3 mines.

TABLE II4—COAL MINING—COLUMBIANA COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10099	$5,000	$24,691 87	$311 46
10100	13,519	28,564 70	59 57
10101	125,719	89,734 85	1,073 28
10102	100	2,000 00	.....
10103	450	600 00	6 00
10104	2,500	1,700 00	.....
10105	800	2,444 00	174 00
10106	.....	1,540 00	73 66
10107	150	1,705 80	106 65
*10108	55,000	48,217 00	570 00
10109	20,000	31,746 79	197 47
10110	2,500	1,440 00	3 40
10111	31,719	41,354 65	321 55
10112	22,652	14,559 62	169 84
10113	110	100 00	.....
10114	15,000	55,000 00	225 00
10115	100,000	35,500 00	600 00
10116	20,000	31,200 00	500 00
10117	500	4,320 00	200 00
10118	31,000	8,000 00	211 57
10120	5,000	12,000 00	175 00
10121	3,000	2,000 00	40 00
10122	1,000	3,504 00	.....
10123	2,500	5,056 80	40 00
10124	60,000	91,000 00	390 00
10127	20,000	16,000 00	55 00
10129	13,180	16,050 00	143 16
*10119	25,000	160,705 00	1,200 00
10125	500	1,600 00	90 00
Totals.....31	$576,889	$732,335 08	$6,936 61

*2 mines.

TABLE II5—COAL MINING—COSHOCTON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10141	$53,809	$26,739 24	$398 61
10142	10,000	43,526 41	215 46
10143	500	2,500 00	200 00
10144	2,000	2,100 55	173 30
10145	500	3,329 05	203 35
10146	25,973	51,621 65	476 44
10147	3,000	1,000 00	300 00
10147½	500	700 00	200 00
10148	50,000	51,000 00	500 00
10149	150	2,500 00	100 50
*10150	.....	3,000 00	150 00
10152	80,000	32,574 90	2,500 00
10153	75,000	81,560 00	2,050 00
10154	10,000	38,906 47	80 26
10158	35,000	44,000 00	300 00
10159	200	1,424 43	49 27
10160	1,100	4,000 00	.....
10151	2,000	1,800 00	12 00
Totals.....19	$349,732	$392,282 70	$7,909 19

*2 mines.

TABLE II6—COAL MINING—GALLIA COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10165	$4,500	$13,908 00	$290 00
10726	12,000	7,500 00	50 00
Totals ... 2	$16,500	$21,408 00	$340 00

TABLE II7—COAL MINING—GUERNSEY COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10171	.....	$292,516 80	$47,856 46
*10172	$162,000	484,158 75	3,162 00
10173	71,625	106,118 33	596 36
10174	206,483	103,429 60	3,084 86
10175	150,000	201,532 75	3,835 33
10177	100,000	117,976 00	1,506 00
10178	1,500	3,000 00	.....
*10179	400,000	17,602 00	1,000 00
10180	50,000	31,273 36	208 29
†10181	250,000	801,769 91	26,735 64
10183	55,379	68,165 84	714 24
10185	153,356	91,495 88	2,023 25
10186	155,000	31,400 00	954 00
10187	283,405	52,806 61	1,589 07
10191	.....	1,808 82	178 18
Totals.....21	$2,038,748	$2,405,054 65	$93,443 68

*2 mines; †4 mines.

TABLE II8—COAL MINING—HARRISON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10194	$100	$125 00	.....
10196	5,000	637 00	$50 00
10198	1,400	412 50	.....
10199	478,293	184.243 36	3,703 04
10200	25	210 00	.....
10202	1,800	1,500 00	4 00
10203	20,000	8,503 00	280 00
10204	407,556	58,896 64	2,419 83
10209	2,000	1,000 00	25 00
10195	.....	4,300 00	.....
10201	.....	.....	.....
10206	30,000	25,000 00	275 00
Totals.....12	$946,174	$284,827 50	$6,756 87

TABLE II9—COAL MINING—HOCKING COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10212-1	$27,335	$136,956 96	$542 52
*10212-2	222,136	394,962 54	4,203 62
10212-3	88,161	23,079 98	1,592 60
†10213	937,500	340,485 04	32,459 38
‡10214	2,500,000	1,349,428 15	106,902 71
*10215	10,000	24,000 00	500 00
Totals.....15	$3,785,132	$2,268,912 67	$146,200 80

*2 mines; †3 mines; ‡6 mines.

TABLE II10—COAL MINING—HOLMES COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10224	$1,000	$6,500 00	$350 00
*10226	1,000	6,000 00	800 00
10227	1,500	1,400 00	112 10
10228	10,000	10,873 65	75 00
10229	1,000	3,500 00	.....
10225	150	1,452 30	119 80
10230	400	.....	.....
Totals.....9	$15,050	$29,725 95	$1,456 90

*2 mines.

TABLE III1—COAL MINING—JACKSON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10237	$140,000	$205,371 00	$2,363 00
10238	100,000	41,330 27	4,061 00
*10239	40,000	58,700 00	475 00
10240	.....	6,202 75	783 54
10241	700	9,114 70	99 62
10242	200,000	96,862 05	2,439 60
*10244	20,000	7,185 00	99 00
10245	20,000	850 00	120 00
10246	12,000	17,230 17	204 69
†10248	100,000	302,048 17	3,097 30
†10250	251,834	196,675 00	1,982 70
‡10251	1,500,000	1,124,223 45	18,807 14
10253	1,500	2,000 00	40 00
10254	41,128	131,722 31	1,237 03
10255	5,000	4,500 00	123 20
10256	32,000	25,000 00	200 00
10257	4,000	12,021 45	683 81
*10258	50,000	77,880 00	300 00
10259	75,000	68,000 00	750 00
10260	5,000	9,000 00	1,600 00
10261	5,000	15,000 00	100 00
10262	5,000	64,440 00	655 86
10263	150	500 00	100 00
10264	10,000	12,749 00	1,091 96
10265	8,300	3,900 00	250 00
10266	.....	7,156 00	7 50
10267	5,000	4,500 00	231 50
10268	8,000	10,000 00	140 00
10270	35,000	14,566 00	223 00
10271	15,000	33,675 16	350 00
10272	.....	1,034 50	1,568 00
10274	10,000	3,582 50	50 00
*10275	15,650	72,480 00	200 00
10277	12,000	4,516 00	225 00
10279	3,000	2,448 57	173 00
10280	50,000	30,000 00	500 00
10281	75,000	35,000 00	430 00
10282	5,000	7,000 00	600 00
10283	5,000	40,000 00	150 00
10284	5,000	8,474 50	46 00
10287	11,800	13,350 00	1,060 00
10289	12,000	5,985 00	240 00
10451	33,039	2,540 57	327 50
10288	20,000	18,000 00	677 16
Totals.....58	$2,947,101	$2,806,814 12	$48,863 11

*2 mines; †3 mines; ‡7 mines.

TABLE II12—COAL MINING—JEFFERSON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10293	$140,000	$429,687 80	$3,903 06
10294	45,455	54,126 03	1,254 29
10295	.....	19,678 87	85 00
10296	8,000	9,000 00	.....
10297	150	4,407 37	419 75
10298	1,000	2,154 00	204 00
10299	300	2,600 00	6 50
10302	300	2,501 15	.....
10303	430	410 45	.....
10304	500	1,200 00	50 00
10305	100,000	48,000 00	800 00
*10306	1,175,000	276,158 00	7,500 00
10307	104,229	125,405 00	885 56
10308	600	2,662 97	3 00
†10309	374,580	185,522 35	3,000 00
10313	50,000	43,750 00	375 00
10314	466,309	240,604 52	3,703 03
10315	255,569	71,835 50	1,437 49
‡10316	150,000	343,808 90	11,999 19
10320	21,147	34,880 51	626 74
10321	60,000	67,818 90	899 19
10323	200,000	36,219 85	1,286 12
10324	20,000	11,791 06	435 18
10325	80,000	48,360 00	413 40
10326	265,000	81,451 27	2,640 00
10292	3,500	4,800 00	243 00
10301	.....	125 00	15 00
10311	30,000	96,023 00	1,800 00
10311½	40,000	76,508 00	2,000 00
10312	2,000	2,500 00	.....
10317	250,000	130,000 00	2,500 00
Totals.....43	$3,844,069	$2,453,990 50	$48,484 50

*3 mines; †2 mines; ‡8 mines.

TABLE III3—COAL MINING—LAWRENCE COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10328	$1,500	$1,250 00	$22 00
*10329	17,000	12,600 00	225 00
10330	2,000	4,200 00	45 00
10333	300	2,000 00	50 00
10334	600	2,000 00	12 00
†10335	195,000	99,632 48	1,784 04
†10336	15,000	34,000 00	1,643 00
10340	19,057	10,652 05	439 70
10332	.....	300 00	25 00
Totals.....14	$250,457	$166,634 53	$4,245 74

*2 mines; †3 mines.

TABLE II14—COAL MINING—MAHONING COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10354	$600	$2,865 20	$154 28
10133	500	3,829 60	58 00
10345	18,000	46,800 00	102 00
10346	1,500	600 00	93 32
10347	1,000	2,400 00	200 00
10348	4,200	8,500 00	20 00
10350	200	3,879 73	367 55
10352	200	3,347 60	.....
10357	600	4,258 50	294 00
10361	600	1,300 00	130 00
10692	7,700	14,363 00	2,153 73
10349	1,000	4,995 00	20 00
10356	1,500	1,764 00	196 60
Totals.....13	$37,600	$98,902 63	$3,789 48

TABLE II15—COAL MINING—MEDINA COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10365	$5,000	$16,248 23	$13 94
10366	1,000	11,733 24	15 00
*10367	40,000	92,411 00	703 00
10368	1,600	5,656 16	7 90
10369	1,000	4,400 00	10 00
10370	4,500	15,018 40	52 64
Totals.....8	$53,100	$145,467 03	$802 48

*3 mines.

TABLE II16—COAL MINING—MEIGS COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10376	$35,000	$22,406 00	$1,500 00
10377	.....	38,614 41	2,022 39
10379	1,500	7,000 00	1,400 00
10380	1,000	2,800 00	15 00
10381	40,000	25,000 00	320 00
10382	.....	1,012 50	112 50
10383	.....	1,350 00	.....
10384	50,000	12,000 00	500 00
10385	20,000	9,051 00	788 87
10386	5,000	12,500 00	1,200 00
10387	24,000	6,525 58	168 00
10390	.....	4,481 10	600 00
10391	5,000	3,650 00	140 00
10392	17,500	4,959 90	.....
10393	75,000	29,221 56	1,826 40
10709	.....	6,547 36	599 10
Totals.....16	$274,000	$187,119 41	$11,192 26

TABLE II17—COAL MINING—MORGAN COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10396	$39,000	$72,676 01	$798 86
10397	17,500	16,251 00	284 00
Totals.....2	$56,500	$88,927 01	$1,082 86

TABLE III8—COAL MINING—MUSKINGUM COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10403	$6,300	$2,145 65	$50 58
10404	2,500	324 30	60 10
10406	10,000	5,000 00	3,000 00
10407	4,000	600 00	60 00
10408	.....	700 00	50 00
10410	5,000	3,320 20	50 00
10411	6,000	8,707 66	55 00
10412	3,000	400 00	30 00
10415	200	2,500 00	30 00
10419	50	250 00	50 00
10421	.....	500 00	25 00
10422	500	2,500 00	30 00
10423	500	850 00	.....
10426	6,000	3,477 43	79 00
10427	5,100	9,715 00	40 00
10428	2,000	5,000 00	25 00
10430	150	2,600 00	400 00
10431	2,000	1,000 00	.....
*10432	10,000	3,000 00	600 00
10433	.....	1,055 00	168 00
10434	500	1,600 00	.....
10435	2,000	6,000 00	600 00
10436-1	10,000	31,261 00	75 00
10438	4,000	2,548 00	56 00
10439	8,000	20,000 00	200 00
10440	77,000	12,493 65	551 23
*10444	7,500	1,325 00	90 00
10445	60,000	10,767 00	220 04
10447	1,500	11,559 73	5 68
10450	24,000	2,333 00	66 00
10452	50,000	17,100 00	50 00
*10454	2,500	7,337 82	71 90
10455	15,000	20,000 00	325 00
10711	17,500	3,633 21	277 71
10405	1,600	1,188 00	.....
10425	2,000	1,050 00	40 00
Totals.....39	$346,400	$203,841 65	$7,431 24

*2 mines

TABLE III9—COAL MINING—NOBLE COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10464	$4,000	$1,560 00	$40 00
10465	.....	40 00	.....
10466	1,500	450 00	15 00
10467	.....	52 00	.....
10468	.....	657 38	131 37
10469	500	600 00	25 00
10470	50	1,000 00	150 00
10471	.....	900 00	.....
10472	.....	446 00	.....
10473	50	400 00	.....
10474	2,500	400 00	18 00
10475	.....	600 00	.....
10476	.....	400 00	.....
10477	1,500	7,000 00	150 00
Totals.....14	$10,100	$14,505 38	$529 37

TABLE II20—COAL MINING—PERRY COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10485	$2,000	$13,022 00	$62 00
10486	75,000	49,665 67	1,970 46
10487	2,500	5,450 00	32 00
10488	250	3,500 00	400 00
10493	50,000	24,280 75	275 00
10494	81,431	45,119 25	995 62
10495-1	128,911	123,460 40	2,387 13
10495-2	130,009	64,287 02	2,467 82
10495-3	141,860	35,246 68	2,417 50
10495-4	133,140	25,995 46	2,216 48
10496	1,200	84,724 00	5,292 00
10497-2	15,000	45,700 00	150 00
10498-1	16,896	75,015 08	298 07
10498-2	103,370	241,577 84	1,915 86
10498-3	50,085	61,496 96	960 82
10499	.....	4,989 25	701 98
10500	35,000	58,000 00	150 00
10501	40,000	25,268 80	800 00
10502	1,500	10,643 95	1,089 65
10503	500	2,840 00	300 00
10504	40,000	34,430 00	300 00
10505	5,000	18,407 40	.....
10506	27,333	21,666 00	262 69
*10507	207,912	152,188 84	3,396 08
10508	216,000	67,091 42	835 89
10509	50,000	33,042 38	1,763 39
†10510	1,562,500	522,028 62	45,273 52
*10511	125,000	13,638 00	1,065 00
10512	25,000	88,722 21	10,614 76
‡10513	300,000	85,697 00	2,828 17
10514	500	8,152 22	9 40
10515	2,000	400 00	100 00
10516	1,400	3,750 00	10 00
10517	1,000	510 00	40 00
10518	200	1,000 00	100 00
10520	8,000	28,500 00	166 00
10521	100	2,600 00	200 00
10522	400	18,658 00	65 00
*10524	85,728	14,794 76	3,057 26
10526	15,000	28,360 68	175 00
10536	500	27,270 11	1,763 24
10530	215,000	70,450 00	655 00
10525	.....	.....	.....
10489	350,000	174,435 65	7,448 00
Totals.....52	$4,247,225	$2,387,715 72	$105,010 79

*2 mines; †3 mines; ‡4 mines.

TABLE II21—COAL MINING—PORTAGE COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10533	$103,784	$143,505 07	$1,336 53
10534	60,000	71,500 00	280 00
Totals ... 3	$163,784	$215,005 07	$1,616 53

*2 mines.

TABLE II22—COAL MINING—SCIOTO COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10539	$200	$325 00	$5 00
10540	6,000	11,815 90	391 00
Totals.....2	$6,200	$12,140 90	$396 00

TABLE II23—COAL MINING—STARK COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10545	$300	$3,871 20	$683 00
10546	150	850 00	.....
10547	30	1,426 70	.....
10548	700	140 00	7 00
10549	.....	2,300 00	150 00
10550	5,000	850 00	90 00
*10552	1,800,000	801,000 00	4,000 00
10553	22,000	12,500 00	106 00
10554	17,000	23,000 00	250 00
10557	350	600 00	.....
10559	.....	1,191 06	.....
10560	.....	1,238 00	.....
10561-1	48,803	25,915 03	1,752 21
10561-2	82,718	24,500 73	1,814 33
10561-3	90,000	43,795 20	1,786 42
10561-4	82,462	45,637 79	1,839 76
10561-5	70,783	29,660 16	1,894 46
10563	1,500	4,595 00	25 00
10564	150	1,400 00	500 00
10565	2,700	6,304 20	43 12
10568	57,667	21,024 00	1,590 75
10569	40,000	128,957 68	500 00
10570	.....	2,000 00	200 00
†10571	4,500	10,000 00	200 00
10572	1,500	2,424 00	6 00
10573	200	1,000 00	150 00
10574	20,000	8,000 00	200 00
10575	200	1,000 00	2 80
10576	1,000	2,315 00	150 00
10580	200	2,500 00	100 00
10581-1	52,000	30,684 78	42 00
10581-2	52,000	95,145 99	42 00
10582	1,500	300 00	.....
10584	9,514	33,603 31	210 00
10585	3,000	2,000 00	25 00
10589	4,000	1,700 00	5 00
Totals.....46	$2,471,927	$1,373,429 83	$18,364 85

*10 mines; †2 mines.

TABLE II24—COAL MINING—SUMMIT COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10088	$103,351	$42,405 00	$396 00
10590	3 000	2,200 00	200 00
10592	6,000	10,600 00	28 00
10594	200	3,600 00	8 00
10597	60,000	35,059 12	300 00
10598	45,000	39,248 00	557 00
10700	85,000	31,340 00	352 00
10591	800	1,400 00	270 00
Totals.....8	$303,351	$165,852 12	$2,111 00

TABLE II25—COAL MINING—TRUMBULL COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10602	$2,000	$9,174 58	$32 00
10603	.....	450 00	.....
10604	4,000	1,600 00	100 00
Totals.....3	$6,000	$11,224 58	$132 00

TABLE II26—COAL MINING—TUSCARAWAS COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10089	$10,000	$51,840 00	$150 00
10609	700	2,735 50	.....
10610	300	1,500 00	105 00
10611	4,000	3,271 67	43 00
10612	2,000	2,500 00	20 00
10613	2,500	5,892 60	10 00
*10614	65,000	65,641 97	1,731 51
10616	1,200	1,600 00	.....
10617	1,700	5,400 00	324 00
†10618	100,000	132,375 36	1,150 00
10619	100,000	49,956 06	780 00
10621	500	900 00	108 00
10622	300	844 75	22 00
10623	6,000	1,920 00	168 20
10624	3,000	23,500 00	118 69
10626	500	302 50	4 00
10628	100,000	141,646 00	552 00
†10629	276,646	139,326 07	3,576 35
†10630	90,000	52,050 00	967 00
10631	6,000	29,735 00	560 00
10632	10,000	65,000 00	600 00
†10633	36,000	65,621 00	470 00
10634	2,000	1,116 00	.....
10635	50,000	109,500 00	1,300 00
10636	10,000	21,000 00	32 00
10637	1,000	1,400 00	12 00
10638	10,000	4,385 27	1,136 53
10639	10,000	14,500 00	40 00
*10641	400,000	112,274 00	3,200 00
10642	60,000	13,822 00	920 00
10643	100,000	4,437 60	2,500 00
10646	30,000	54,458 47	412 54
10647	100,000	25,714 00	400 00
10649	10,000	38,400 90	250 00
10649½	5,000	14,061 62	200 00
10627	60,000	24,762 38	358 26
10640	40,000	14,877 00	516 84
Totals.....45	$1,704,346	$1,298,267 72	$22,737 39

*3 mines; †2 mines.

TABLE II27—COAL MINING—VINTON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
*10656	$1,000	$1,500 00	$228 20
10657	65,000	66,000 00	1,100 00
10658	7,000	3,060 00	345 00
10659	4,000	14,840 00	925 00
10660	75,000	22,849 30	493 00
10661	40,000	27,165 00	150 00
10662	12,000	30,000 00	1,830 00
10663	.....	800 00	.....
10664	16,700	12,000 00	800 00
Totals.....10	$220,700	$178,214 30	$5,871 20

*2 mines.

TABLE II28—COAL MINING—WASHINGTON COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10670	$1,000	$5,200 00	$20 00
Totals.....1	$1,000	$5,200 00	$20 00

TABLE II29—COAL MINING—WAYNE COUNTY.

Schedule number.	Capital invested in grounds, buildings and machinery.	Total value of coal produced during year 1904.	Amount paid for rent, taxes and insurance during year 1904.
10675	$25,000	$43,729 00	$625 00
*10676	51,000	57,216 20	786 50
10677	30,000	33,874 00	30 00
10680	.....	800 00	155 00
10681	2,000	6,000 00	350 00
Totals.....6	$108,000	$141,619 20	$1,946 50

*2 mines.

TABLE III—COAL MINING.

Giving by Counties Total Number of Mines Reported, Total Amount Paid in Wages, and the Total Number Employed and the Salaries Paid Office Help for the Year 1904.

Counties.	No. of mines reported.	Total amount paid in wages during year 1904.	OFFICE HELP.									
			Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
			No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
Athens	45	$2,619,809 13	24	$2,670 00	13	$1,425 00	17	$1,230 00	85	$4,036 83	11	$575 00
Belmont	49	2,251,647 62	34	4,034 17	12	1,750 00	25	1,855 00	26	1,590 00	14	530 00
Carroll	10	239,115 64	3	350 00	3	325 00	4	275 00	3	175 00	3	105 00
Columbiana	31	577,912 91	13	1,395 00	7	470 00	9	455 00	2	145 00	....	.....
Coshocton	19	313,526 06	9	990 00	4	255 00	7	445 00	1	50 00	1	30 00
Gallia	2	12,280 00	2	100 00	....	.....	1	50 00	1	25 00	....	.....
Guernsey	21	1,811,729 00	20	2,563 00	7	958 40	16	1,137 50	10	586 00	6	280 00
Harrison	12	241,170 12	5	561 66	3	508 33	3	225 00	3	165 00	2	100 00
Hocking	15	1,746,684 44	5	746 66	7	1,175 00	3	325 00	9	563 33	3	125 00
Holmes	9	23,162 99	1	50 00	1	30 00	1	30 00	2	70 00	....	.....
Jackson	58	1,776,081 63	35	3,469 93	20	2,061 60	37	2,347 50	19	1,145 00	11	470 00
Jefferson	43	1,846,761 64	25	3,089 18	12	1,328 33	19	1,471 66	22	1,538 00	10	510 00
Lawrence	14	123,258 13	5	425 00	2	250 00	4	200 00	2	70 00	1	20 00
Mahoning	13	77,183 61	3	227 00	2	175 00	2	70 00	1	35 00	....	.....
Medina	8	106,982 46	2	137 50	....	.....	1	50 00	....	.....	1	50 00
Meigs	16	147,857 76	11	820 00	1	75 00	6	295 00	3	105 00	2	115 00
Morgan	2	67,780 63	2	175 00	1	50 00	1	75 00	1	50 00	....	.....
Muskingum	39	152,486 42	11	890 00	5	415 00	4	225 00	1	25 00	2	80 00
Noble	14	8,929 00	....	.....	....	.....	....	.....	....	.....	....	.....
Perry	52	2,030,892 04	24	3,943 30	17	1,515 00	24	1,550 00	20	1,160 00	9	390 00
Portage	3	169,465 75	3	350 00	3	300 00	1	110 00	1	60 00	1	35 00
Scioto	2	8,903 10	1	60 00	....	.....	....	.....	....	.....	....	.....
Stark	46	938,924 08	27	3,430 00	6	995 00	16	784 00	14	1,055 00	10	446 00
Summit	8	152,400 64	4	335 00	2	125 00	4	275 00	2	120 00	....	.....
Trumbull	3	6,323 00	1	60 00	....	.....	....	.....	1	40 00	....	.....
Tuscarawas	45	1,038,339 58	28	2,491 00	3	295 00	16	1,055 00	13	525 00	4	180 00
Vinton	10	123,682 45	8	780 00	6	550 00	7	365 00	2	85 00	1	40 00
Washington	1	2,600 00	1	30 00	....	.....	....	.....	....	.....	....	.....
Wayne	6	102,359 60	3	262 50	....	.....	1	50 00	2	100 00	....	.....
Totals	596	$18,718,249 43	310	$34,435 90	137	$15,031 66	229	$14,950 66	246	$13,519 16	92	$4,081 00

TABLE IV—COAL MINING.

GIVING AMOUNT PAID IN WAGES, AND THE NUMBER EMPLOYED AND THE SALARIES PAID OFFICE HELP FOR THE YEAR 1904.

TABLE IVI—COAL MINING—ATHENS COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10000	$48,000 00	2	$160 00	1	$75 00	1	$75 00	1	$40 00	1	$35 00
*10001	89,629 07	1	100 00	1	75 00	1	75 00	4	180 00	..	.....
10002-1.....	196,584 30	..	.....	..	.....	1	50 00	1	40 00	..	.....
10002-2.....	256,876 20	1	85 00	..	.....	..	.....	1	50 00	..	.....
10005	10,000 00	1	60 00	..	.....	..	.....	..	.....	..	.....
†10006	1,048,148 10	3	625 00	..	.....	2	200 00	66	2,996 83	5	260 00
10007	800 00	..	.....	..	.....	..	.....	..	.....	..	.....
10009	116,743 31	1	125 00	2	350 00	1	75 00	2	175 00	..	.....
10012	18,260 00	..	.....	..	.....	..	.....	..	.....	..	.....
10013	37,920 00	..	.....	..	.....	1	45 00	..	.....	..	.....
10015	3,232 00	..	.....	..	.....	..	.....	..	.....	..	.....
10016	71,822 13	1	100 00	1	125 00	1	55 00	2	105 00	1	45 00
*10018	10,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10019	45,465 00	1	100 00	1	125 00	1	40 00	..	.....	..	.....
*10022	135,041 15	1	100 00	1	100 00	1	90 00	1	50 00	1	75 00
10023	25,000 00	1	80 00	..	.....	1	60 00	..	.....	..	.....
10024	27,914 52	1	85 00	..	.....	..	.....	..	.....	..	.....
10025	3,000 00	1	75 00	..	.....	..	.....	..	.....	..	.....
10028	71,670 12	1	125 00	1	100 00	1	125 00	1	50 00	1	45 00
10028½	5,479 45	1	75 00	..	.....	..	.....	..	.....	..	.....
10030	15,000 00	1	75 00	..	.....	..	.....	..	.....	..	.....
10031	15,529 34	1	150 00	1	75 00	1	70 00	1	50 00	1	65 00
10211	24,779 00	..	.....	..	.....	1	45 00	..	.....	..	.....
10003	206,563 21	3	350 00	2	250 00	2	175 00	4	250 00	1	50 00
‡10010	93,171 04	1	100 00	1	50 00	1	50 00	..	.....	..	.....
10014	39,763 19	1	100 00	..	.....	..	.....	..	.....	..	.....
10032	3,218 00	..	.....	1	100 00	..	.....	1	50 00	..	.....
Totals...45	$2,619,809 13	24	$2,670 00	13	$1,425 00	17	$1,230 00	85	$4,036 83	11	$575 00

*2 mines; †14 mines; ‡3 mines.

TABLE IV2—COAL MINING—BELMONT COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10035	$610,327 65	3	$566 67	2	$300 00	6	$650 00	4	$350 00	5	$200 00
10036	33,000 00	1	100 00	..	.....	..	.....	..	.....	..	.....
10037	52,120 00	1	100 00	1	100 00	1	60 00	..	.....	1	40 00
10038	20,232 00	1	75 00	..	.....	..	.....	1	30 00	..	.....
10039	15,300 00	1	62 50	..	.....	..	.....	1	25 00	..	.....
10040	79,166 17	1	200 00	..	.....	1	25 00	..	.....	..	.....
10041	5,485 00	1	60 00	..	.....	..	.....	..	.....	..	.....
10043	1,522 20	..	.....	..	.....	..	.....	..	.....	..	.....
10044	3,470 00	..	.....	..	.....	..	.....	..	.....	..	.....
10045	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10046	1,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10047	1,150 00	..	.....	..	.....	..	.....	..	.....	..	.....
†10048	98,480 14	2	200 00	..	.....	1	50 00	1	20 00	1	20 00
†10050	171,819 77	2	225 00	2	200 00	1	90 00	1	50 00	1	45 00
10051	55,490 33	1	110 00	2	500 00	..	.....	2	105 00	..	.....
10052	11,486 17	..	.....	..	.....	..	.....	1	50 00	..	.....
‡10053	257,811 13	1	150 00	..	.....	1	75 00	1	75 00	1	40 00
‡10054	242,046 00	1	200 00	1	125 00	1	150 00	5	490 00	1	50 00
10055	5,628 27	..	.....	..	.....	..	.....	1	20 00	..	.....
10056	3,000 00	1	50 00	..	.....	1	30 00	..	.....	..	.....
10058	1,236 00	..	.....	..	.....	1	40 00	..	.....	..	.....
‡10059	141,942 00	2	150 00	..	.....	2	140 00	3	110 00	1	20 00
10060	1,920 00	..	.....	..	.....	..	.....	..	.....	..	.....
10061	290 40	..	.....	..	.....	..	.....	..	.....	..	.....
10063	41,747 71	1	100 00	1	150 00	1	60 00	1	45 00	..	.....
10065	33,733 00	2	200 00	..	.....	1	75 00	..	.....	..	.....
10067	4,000 00	1	75 00	..	.....	1	25 00	..	.....	..	.....
10068	11,259 00	1	100 00	1	150 00	1	50 00	1	50 00	..	.....
10069	23,521 37	2	225 00	..	.....	..	.....	..	.....	1	50 00
10070	114,353 51	1	150 00	..	.....	1	100 00	1	60 00	..	.....
10071	34,691 34	1	80 00	..	.....	1	50 00	..	.....	..	.....
†10072	55,561 92	1	75 00	..	.....	1	60 00	..	.....	..	.....
10073	2,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10596	32,897 83	1	100 00	1	125 00	1	50 00	..	.....	1	25 00
10066	55,000 00	1	350 00	1	100 00	1	75 00	1	40 00	1	40 00
10075	16,842 80	1	90 00	..	.....	..	.....	..	.....	..	.....
10076	11,115 91	2	240 00	..	.....	..	.....	1	70 00	..	.....
Totals...49	$2,251,647 62	34	$4,034 17	12	$1,750 00	25	$1,855 00	26	$1,590 00	14	$530 00

*4 mines; †2 mines; ‡3 mines.

TABLE IV3—COAL MINING—CARROLL COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10080	$1,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10081	33,011 75	1	$100 00	1	$75 00	1	$55 00	1	$40 00	1	$30 00
*10083	160 00	..	.....	..	.....	..	.....	..	.....	..	.....
10084	162,229 14	1	150 00	1	150 00	2	120 00	2	135 00	1	50 00
10086	37,424 00	1	100 00	1	100 00	1	100 00	..	.....	1	25 00
10087	4,913 10	..	.....	..	.....	..	.....	..	.....	..	.....
10090	20 00	..	.....	..	.....	..	.....	..	.....	..	.....
10082	157 65	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...10	$239,115 64	3	$350 00	3	$325 00	4	$275 00	3	$175 00	3	$105 00

*3 mines.

TABLE IV4—COAL MINING—COLUMBIANA COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10099	$24,925 03	1	$125 00	1	$60 00	1	$60 00	..	.....	..	.....
10100	20,826 43	1	50 00	..	.....	1	20 00	..	.....	..	.....
10101	75,821 05	1	125 00	1	60 00	1	60 00	..	.....	..	.....
10102	1,650 00	..	.....	..	.....	..	.....	..	.....	..	.....
10103	400 00	..	.....	..	.....	..	.....	..	.....	..	.....
10104	1,162 00	..	.....	..	.....	..	.....	..	.....	..	.....
10105	1,464 00	..	.....	..	.....	..	.....	..	.....	..	.....
10106	1,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10107	1,105 70	..	.....	..	.....	..	.....	..	.....	..	.....
*10108	41,997 00	1	125 00	1	125 00	1	40 00	1	85 00	..	.....
10109	23,620 22	1	125 00	1	75 00	1	35 00	..	.....	..	.....
10110	720 00	..	.....	..	.....	..	.....	..	.....	..	.....
10111	34,514 39	1	100 00	..	.....	1	90 00	..	.....	..	.....
10112	9,273 36	1	60 00	1	60 00	1	50 00	..	.....	..	.....
10113	150 00	..	.....	..	.....	..	.....	..	.....	..	.....
10114	35,000 00	1	100 00	.	.....	..	.....	..	.....	..	.....
10115	31,600 00	1	100 00	..	.....	..	.....	..	.....	..	.....
10116	10,000 00	1	200 00	1	30 00	..	.....	..	.....	..	.....
10117	3,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10118	5,300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10120	9,600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10121	1,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10122	2,270 00	..	.....	..	.....	..	.....	..	.....	..	.....
10123	2,300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10124	80,950 00	1	120 00	..	.....	..	.....	1	60 00	..	.....
10127	14,000 00	..	.....	..	.....	1	50 00	..	.....	..	.....
10129	9,493 73	1	75 00	1	60 00	1	50 00	..	.....	..	.....
*10119	133,670 00	1	90 00	..	.....	..	.....	..	.....	..	.....
10125	900 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...31	$577,912 91	13	$1,395 00	7	$470 00	9	$455 00	2	$145 00	..	.....

*2 mines.

TABLE IV5—COAL MINING—COSHOCTON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10141	$19,559 92	1	$75 00	1	$40 00	1	$75 00	..	.....	..	.....
10142	35,812 23	1	75 00	1	75 00	1	100 00	..	.....	..	.....
10143	12,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10144	11,307 08	..	.....	..	.....	..	.....	..	.....	..	.....
10145	2,543 75	..	.....	..	.....	..	.....	..	.....	..	.....
10146	35,358 26	1	125 00	1	40 00	2	125 00	..	.....	1	30 00
10147	1,000 00	1	65 00	..	.....	..	.....	..	.....	..	.....
10147½	1,600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10148	46,600 00	1	75 00	..	.....	1	35 00	..	.....	..	.....
10149	2,300 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10150	2,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10152	25,102 00	1	150 00	1	100 00	1	60 00	..	.....	..	.....
10153	73,130 00	1	200 00	..	.....	..	.....	1	50 00	..	.....
10154	31,119 46	1	100 00	..	.....	..	.....	..	.....	..	.....
10158	31,000 00	1	125 00	..	.....	1	50 00	..	.....	..	.....
10159	963 36	..	.....	..	.....	..	.....	..	.....	..	.....
10160	2,080 00	..	.....	..	.....	..	.....	..	.....	..	.....
10151	1,050 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...19	$313,526 06	9	$990 00	4	$255 00	7	$445 00	1	$50 00	1	$30 00

*2 mines.

TABLE IV6—COAL MINING—GALLIA COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10165	$8,680 00	1	$50 00	..	.....	1	$50 00	1	$25 00	..	.....
10726	3,600 00	1	50 00	..	.....	..	.....	..	.....	..	.....
Totals...2	$12,280 00	2	$100 00	..	.....	1	$50 00	1	$25 00	..	.....

TABLE IV7—COAL MINING—GUERNSEY COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10171	$225,607 99	1	$200 00	1	$200 00	2	$175 00	2	$150 00	1	$80 00
*10172	349,195 65	1	250 00	..	.....	3	220 00	2	120 00	..	.....
10173	64,223 82	2	225 00	1	166 70	1	50 00	..	.....	1	30 00
10174	94,766 49	1	150 00	..	.....	1	75 00	..	.....	1	40 00
10175	$131,308 32	..	.....	..	.....	1	60 00	..	.....	..	.....
10177	$105,800 00	2	200 00	..	.....	2	125 00	2	85 00	..	.....
10178	2,500 00	1	65 00	..	.....	..	.....	..	.....	..	.....
*10179	17,292 00	1	160 00	..	.....	..	.....	..	.....	..	.....
10180	22,983 87	1	80 00	..	.....	1	40 00	..	.....	..	.....
†10181	602,346 64	5	688 00	..	.....	1	107 50	2	111 00	..	.....
10183	41,307 79	1	100 00	3	341 70	1	75 00	..	.....	1	30 00
10185	79,848 78	1	125 00	1	125 00	1	75 00	1	60 00	1	50 00
10186	24,152 38	1	70 00	..	.....	1	60 00	..	.....	..	.....
10187	48,836 73	1	125 00	1	125 00	1	75 00	1	60 00	1	50 00
10191	1,558 54	1	125 00	..	.....	..	.....	..	.....	..	.....
Totals...21	$1,811,729 00	20	$2,563 00	7	$958 40	16	$1,137 50	10	$586 00	6	$280 00

*2 mines; †4 mines.

TABLE IV8—COAL MINING—HARRISON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10194	$75 00	..	.....	..	.....	..	.....	..	.....	..	.....
10196	320 00	..	.....	..	.....	..	.....	..	.....	..	.....
10198	325 00	..	.....	..	.....	..	.....	..	.....	..	.....
10199	153,659 91	1	$150 00	1	$125 00	1	$75 00	1	$65 00	1	$50 00
10200	150 00	..	.....	..	.....	..	.....	..	.....	..	.....
10202	700 00	..	.....	..	.....	..	.....	..	.....	..	.....
10203	8,987 22	1	100 00	..	.....	..	.....	1	50 00	..	.....
10204	56,762 99	1	166 66	1	333 33	1	100 00	1	50 00	1	50 00
10209	2,130 00	1	75 00	..	.....	..	.....	..	.....	..	.....
10195	3,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10201	60 00	..	.....	..	.....	..	.....	..	.....	..	.....
10206	15,000 00	1	70 00	1	50 00	1	50 00	..	.....	..	.....
Totals...12	$241,170 12	5	$561 66	3	$508 33	3	$225 00	3	$165 00	2	$100 00

TABLE IV9—COAL MINING—HOCKING COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10212-1.....	$125,776 80	1	$85 00	..	.....	..	.....	..	.....	..	.....
*10212-2.....	362,720 70	2	160 00	2	$250 00	..	.....	1	$60 00	..	.....
10212-3.....	21,195 90	1	85 00	..	.....	..	.....	..	.....	..	.....
†10213	260,676 01	..	.....	..	.....	..	.....	..	.....	..	.....
‡10214	955,315 03	1	416 66	5	925 00	3	$325 00	8	503 33	3	$125 00
*10215	21,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...15	$1,746,684 44	5	$746 66	7	$1,175 00	3	$325 00	9	$563 33	3	$125 00

*2 mines; †3 mines; ‡6 mines.

TABLE IV10—COAL MINING—HOLMES COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10224	$4,800 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10226	2,000 00	1	$50 00	1	$30 00	1	$30 00	1	$30 00	..	.....
10227	672 60	..	.....	..	.....	..	.....	..	.....	..	.....
10228	11,677 69	..	.....	..	.....	..	.....	1	40 00	..	.....
10229	2,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10225	812 70	..	.....	..	.....	..	.....	..	.....	..	.....
10230	1,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals....9	$23,162 99	1	$50 00	1	$30 00	1	$30 00	2	$70 00	..	.....

*2 mines.

TABLE IVII—COAL MINING—JACKSON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10237	$151,202 00	1	$125 00	1	$125 00	1	$100 00	1	$75 00	..	.....
10238	25,315 57	1	250 00	1	125 00	1	100 00	..	.....	1	$65 00
*10239	36,560 00	1	100 00	1	125 00	1	40 00	..	.....	..	.....
10240	3,512 54	..	.....	..	.....	1	50 00	..	.....	..	.....
10241	7,018 41	1	75 00	..	.....	1	25 00	..	.....	..	.....
10242	57,609 83	3	595 00	2	415 00	2	220 00	3	305 00	2	150 00
*10244	4,250 00	1	75 00	..	.....	1	60 00	..	.....	..	.....
10245	750 00	..	.....	..	.....	..	.....	..	.....	..	.....
10246	9,583 34	1	50 00	1	50 00	1	50 00	..	.....	..	.....
†10248	160,967 76	1	100 00	1	125 00	4	200 00	2	75 00	1	30 00
†10250	124,541 00	1	125 00	1	150 00	1	85 00	1	70 00	1	35 00
‡10251	704,737 08	1	125 00	1	75 00	9	610 00	3	195 00	1	60 00
10253	1,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10254	81,893 31	1	110 00	..	.....	1	50 00	..	.....	..	.....
10255	3,609 73	1	50 00	..	.....	..	.....	..	.....	..	.....
10256	18,000 00	1	60 00	..	.....	1	30 00	..	.....	..	.....
10257	8,262 37	1	80 00	..	.....	..	.....	1	65 00	..	.....
*10258	47,886 00	1	100 00	1	100 00	1	75 00	2	90 00	1	25 00
10259	60,250 00	1	100 00	1	125 00	1	100 00	1	60 00	..	.....
10260	6,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10261	9,000 00	1	65 00	..	.....	..	.....	..	.....	..	.....
10262	14,483 62	1	83 33	..	.....	1	57 50	..	.....	..	.....
10263	250 00	..	.....	..	.....	..	.....	..	.....	..	.....
10264	11,268 13	1	65 00	1	75 00	1	65 00	..	.....	1	40 00
10265	3,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10266	5,749 00	..	.....	..	.....	..	.....	..	.....	..	.....
10267	5,236 80	..	.....	..	.....	1	60 00	..	.....	..	.....
10268	9,000 00	1	60 00	..	.....	..	.....	..	.....	..	.....
10270	12,391 00	1	60 00	..	.....	..	.....	..	.....	..	.....
10271	30,130 39	1	75 00	..	.....	..	.....	..	.....	..	.....
10272	9,000 00	1	51 60	..	.....	..	.....	..	.....	..	.....
10274	3,096 00	1	50 00	..	.....	..	.....	1	25 00	..	.....
*10275	32,600 00	1	200 00	1	50 00	1	75 00	2	90 00	1	25 00
10277	1,304 77	1	45 00	1	45 00	1	50 00	1	45 00	..	.....
10279	2,193 41	1	75 00	..	.....	..	.....	..	.....	..	.....
10280	30,000 00	1	175 00	2	200 00	..	.....	..	.....	1	20 00
10281	22,870 00	1	70 00	1	50 00	1	50 00	..	.....	..	.....
10282	6,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10283	25,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10284	3,351 15	..	.....	..	.....	..	.....	..	.....	..	.....
10287	8,347 00	1	75 00	..	.....	1	40 00	..	.....	..	.....
10289	5,504 00	1	40 00	..	.....	1	20 00	..	.....	..	.....
10451	2,853 22	1	100 00	1	75 00	1	60 00	..	.....	..	.....
10288	10,304 20	1	60 00	1	100 00	1	75 00	1	50 00	1	20 00
Totals...58	$1,776,081 63	35	$3,469 93	20	$2,061 60	37	$2,347 50	19	$1,145 00	11	$470 00

*2 mines; †3 mines; ‡7 mines.

TABLE IV12—COAL MINING—JEFFERSON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10293	$333,619 75	1	$200 00	..	.....	1	$116 66	3	$210 00	2	$110 00
10294	33,336 15	1	125 00	..	.....	1	100 00	1	50 00	1	30 00
10295	22,776 27	1	80 00	..	.....	1	33 34	..	.....	..	.....
10296	8,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10297	3,834 05	..	.....	..	.....	..	.....	..	.....	..	.....
10298	2,337 00	1	50 00	..	.....	..	.....	..	.....	..	.....
10299	2,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10302	2,000 21	..	.....	..	.....	..	.....	..	.....	..	.....
10303	286 77	..	.....	..	.....	..	.....	..	.....	..	.....
10304	750 00	..	.....	..	.....	..	.....	..	.....	..	.....
10305	38,000 00	2	190 00	1	$100 00	1	100 00	..	.....	..	.....
*10306	182,375 70	1	300 00	..	.....	2	200 00	4	548 00	2	150 00
10307	90,130 35	1	75 00	..	.....	1	66 66	..	.....	..	.....
10308	800 00	..	.....	..	.....	..	.....	..	.....	..	.....
†10309	131,542 39	1	150 00	..	.....	2	95 00	..	.....	1	35 00
10313	36,950 00	1	100 00	..	.....	1	50 00	1	50 00	..	.....
10314	168,393 97	2	350 00	1	125 00	1	75 00	2	80 00	1	50 00
10315	58,021 52	1	100 00	..	.....	1	100 00	..	.....	..	.....
‡10316	233,524 24	1	166 67	5	583 33	1	166 67	5	315 00	1	50 00
10320	32,854 37	2	200 00	1	70 00	1	43 33	..	.....	..	.....
10321	57,298 50	1	150 00	..	.....	1	60 00	..	.....	..	.....
10323	44,164 43	1	100 00	1	100 00	1	80 00	1	35 00	1	50 00
10324	12,267 31	1	100 00	..	.....	1	50 00	1	25 00	..	.....
10325	37,567 92	1	62 51	1	75 00	..	.....	1	70 00	..	.....
10326	50,232 35	1	100 00	1	100 00	1	60 00	1	35 00	1	35 00
10292	3,187 00	..	.....	..	.....	..	.....	..	.....	..	.....
10310	100 00	..	.....	..	.....	..	.....	..	.....	..	.....
10311	77,557 00	1	90 00	..	.....	..	.....	1	60 00	..	.....
10311½	67,032 00	1	100 00	..	.....	..	.....	1	60 00	..	.....
10312	1,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10317	113,822 39	2	300 00	1	175 00	1	75 00	..	.....	..	.....
Totals...43	$1,846,761 64	25	$3,089 18	12	$1,328 33	19	$1,471 66	22	$1,538 00	10	$510 00

*3 mines; †2 mines; ‡8 mines.

TABLE IV13—COAL MINING—LAWRENCE COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10328	$490 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10329	11,160 00	1	$75 00	..	.....	1	$40 00	..	.....	..	.....
10330	2,950 00	..	.....	..	.....	..	.....	..	.....	..	.....
10333	1,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10334	1,557 00	..	.....	..	.....	..	.....	..	.....	..	.....
†10335	75,736 70	1	125 00	2	$250 00	2	110 00	2	$70 00	1	$20 00
†10336	22,666 00	2	150 00	..	.....	1	50 00	..	.....	..	.....
*10340	6,898 43	1	75 00	..	.....	..	.....	..	.....	..	.....
*10332	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...14	$123,258 13	5	$425 00	2	$250 00	4	$200 00	2	$70 00	1	$20 00

*2 mines; †3 mines.

TABLE IV14—COAL MINING—MAHONING COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10133	$3,442 20	..	.....	..	.....	..	.....	..	.....	..	.....
10345	37,413 20	1	$100 00	..	.....	1	$30 00	..	.....	..	.....
10346	350 00	..	.....	..	.....	..	.....	..	.....	..	.....
10347	1,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10348	6,010 00	1	52 00	1	$50 00	1	40 00	..	.....	..	.....
10350	2,785 45	..	.....	..	.....	..	.....	..	.....	..	.....
10352	1,965 60	..	.....	..	.....	..	.....	..	.....	..	.....
10354	2,097 08	..	.....	..	.....	..	.....	..	.....	..	.....
10357	2,946 08	..	.....	..	.....	..	.....	..	.....	..	.....
10361	855 00	..	.....	..	.....	..	.....	..	.....	..	.....
10692	13,241 00	1	75 00	1	125 00	..	.....	1	$35 00	..	.....
10349	3,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10356	1,078 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...13	$77,183 61	3	$227 00	2	$175 00	2	$70 00	1	$35 00	..	.....

TABLE IV15—COAL MINING—MEDINA COUNTY.

Schedule Number.	Total amount paid in wages during year 1904	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10365	$9,235 25	1	$75 00	..	.....	..	.....	..	.....	..	.....
10366	7,618 40	..	.....	..	.....	..	.....	..	.....	..	.....
*10367	69,678 00	1	62 50	..	.....	1	$50 00	..	.....	1	$50 00
10368	4,382 40	..	.....	..	.....	..	.....	..	.....	..	.....
10369	3,610 50	..	.....	..	.....	..	.....	..	.....	..	.....
10370	12,457 91	..	.....	..	.....	..	.....	..	.....	..	.....
Totals....8	$106,982 46	2	$137 50	..	.....	1	$50 00	..	.....	1	$50 00

*3 mines.

TABLE IV16—COAL MINING—MEIGS COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10376	$18,773 00	2	$110 00	..	.....	1	$50 00	..	.....	..	.....
10377	32,858 00	1	50 00	..	.....	1	50 00	..	.....	..	.....
10379	4,376 25	..	.....	..	.....	..	.....	..	.....	..	.....
10380	1,618 00	..	.....	..	.....	..	.....	..	.....	..	.....
10381	22,000 00	..	.....	..	.....	1	20 00	..	.....	..	.....
10382	597 00	..	.....	..	.....	..	.....	..	.....	..	.....
10383	930 00	..	.....	..	.....	..	.....	..	.....	..	.....
10384	11,000 00	1	100 00	1	$75 00	1	75 00	2	$80 00	..	.....
10385	6,651 88	1	100 00	..	.....	1	50 00	1	25 00	1	$75 00
10386	10,000 00	1	60 00	..	.....	..	.....	..	.....	..	.....
10387	4,279 76	1	100 00	..	.....	..	.....	..	.....	..	.....
10390	4,351 00	1	100 00	..	.....	..	.....	..	.....	..	.....
10391	2,398 00	..	.....	..	.....	..	.....	..	.....	..	.....
10392	3,635 50	1	75 00	..	.....	..	.....	..	.....	..	.....
10393	22,924 94	1	50 00	..	.....	1	50 00	..	.....	1	$40 00
10709	1,464 43	1	75 00	..	.....	..	.....	..	.....	..	.....
Totals...16	$147,857 76	11	$820 00	1	$75 00	6	$295 00	3	$105 00	2	$115 00

TABLE IV17—COAL MINING—MORGAN COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10396	$55,330 63	1	$100 00	..	.....	..	.....	1	$50 00	..	.....
10397	12,450 00	1	75 00	1	$50 00	1	$75 00	..	.....	..	.....
Totals....2	$67,780 63	2	$175 00	1	$50 00	1	$75 00	1	$50 00	..	.....

TABLE IV18—COAL MINING—MUSKINGUM COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10403	$1,630 70	..	.....	..	.....	..	.....	..	.....	..	.....
10404	270 00	..	.....	..	.....	..	.....	..	.....	..	.....
10406	368 00	..	.....	..	.....	..	.....	..	.....	..	.....
10407	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10408	200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10410	2,793 00	1	$60 00	..	.....	..	.....	..	.....	..	.....
10411	6,158 28	1	50 00	..	.....	1	$50 00	..	.....	..	.....
10412	235 00	..	.....	..	.....	..	.....	..	.....	..	.....
10415	1,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10419	80 00	..	.....	..	.....	..	.....	..	.....	..	.....
10421	100 00	..	.....	..	.....	..	.....	..	.....	..	.....
10422	1,800 00	..	.....	..	.....	..	.....	..	.....	..	.....
10423	510 00	..	.....	..	.....	..	.....	..	.....	..	.....
10426	2,845 17	..	.....	..	.....	..	.....	..	.....	..	.....
10427	7,230 00	1	40 00	1	$25 00	..	.....	..	.....	..	.....
10428	2,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10430	1,600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10431	550 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10432	1,800 00	..	.....	..	.....	..	.....	..	.....	..	.....
10433	718 50	..	.....	..	.....	..	.....	..	.....	..	.....
10434	900 00	..	.....	..	.....	..	.....	..	.....	..	.....
10435	3,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10436-1.....	33,580 00	1	100 00	1	65 00	1	75 00	..	.....	1	$40 00
10438	1,456 00	..	.....	..	.....	..	.....	..	.....	..	.....
10439	15,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10440	9,234 93	1	90 00	1	125 00	1	50 00	..	.....	..	.....
*10444	950 00	..	.....	..	.....	..	.....	..	.....	..	.....
10445	9,733 51	1	75 00	..	.....	..	.....	..	.....	..	.....
10447	7,307 56	1	75 00	..	.....	..	.....	..	.....	..	.....
10450	1,368 96	1	125 00	..	.....	..	.....	..	.....	..	.....
10452	7,678 25	1	75 00	..	.....	1	50 00	..	.....	..	.....
*10454	6,394 09	..	.....	..	.....	..	.....	..	.....	..	.....
10455	18,000 00	1	75 00	1	75 00	..	.....	..	.....	1	40 00
10711	2,894 47	1	125 00	1	125 00	..	.....	1	$25 00	..	.....
10405	600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10425	200 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...39	$152,486 42	11	$890 00	5	$415 00	4	$225 00	1	$25 00	2	$80 00

*2 mines.

TABLE IV19—COAL MINING—NOBLE COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10464	$750 00	..	.....	..	.....	..	.....	..	.....	..	.....
10465	25 00	..	.....	..	.....	..	.....	..	.....	..	.....
10466	250 00	..	.....	..	.....	..	.....	..	.....	..	.....
10467	30 00	..	.....	..	.....	..	.....	..	.....	..	.....
10468	260 00	..	.....	..	.....	..	.....	..	.....	..	.....
10469	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10470	600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10471	700 00	..	.....	..	.....	..	.....	..	.....	..	.....
10472	154 00	..	.....	..	.....	..	.....	..	.....	..	.....
10473	200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10474	60 00	..	.....	..	.....	..	.....	..	.....	..	.....
10475	450 00	..	.....	..	.....	..	.....	..	.....	..	.....
10476	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10477	4,850 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...14	$8,929 00	..	.....	..	.....	..	.....	..	.....	..	.....

TABLE IV20—COAL MINING—PERRY COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10485	$7,535 00	..	.....	..	.....	..	.....	..	.....	..	.....
10486	43,748 32	..	.....	..	.....	..	.....	1	$40 00	..	.....
10487	4,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10488	1,800 00	..	.....	..	.....	..	.....	..	.....	..	.....
10493	20,296 13	..	.....	..	.....	1	$30 00	..	.....	..	.....
10494	40,904 23	1	$120 00	..	.....	1	70 00	1	45 00	..	.....
10495-1	113,389 20	1	150 00	1	$125 00	1	75 00	1	65 00	1	$50 00
10495-2	59,039 10	..	.....	..	.....	1	60 00	1	45 00	..	.....
10495-3	32,369 40	1	85 00	..	.....	1	75 00	1	50 00	..	.....
10495-4	23,873 40	..	.....	..	.....	..	.....	..	.....	..	.....
10496	79,370 39	1	150 00	..	.....	1	45 00	..	.....	..	.....
10497-2	60,809 45	1	75 00	2	160 00	1	50 00	1	50 00	1	40 00
10498-1	68,891 40	1	85 00	..	.....	..	.....	1	25 00	..	.....
10498-2	221,857 20	..	.....	..	.....	1	70 00	1	55 00	..	.....
10498-3	56,476 80	..	.....	..	.....	1	75 00	1	40 00	..	.....
10499	5,013 08	..	.....	..	.....	1	15 00	..	.....	..	.....
10500	46,549 60	1	75 00	1	75 00	1	75 00	1	50 00	1	40 00
10501	21,855 52	1	100 00	..	.....	1	75 00	..	.....	..	.....
10502	8,436 35	..	.....	..	.....	..	.....	..	.....	..	.....
10503	1,516 00	..	.....	..	.....	..	.....	..	.....	..	.....
10504	22,000 00	1	100 00	..	.....	..	.....	1	60 00	..	.....
10505	15,266 00	..	.....	..	.....	..	.....	..	.....	..	.....
10506	18,620 85	1	65 00	1	65 00	1	65 00	..	.....	..	.....
*10507	172,836 50	1	150 00	3	250 00	1	100 00	3	210 00	1	65 00
10508	57,515 16	1	100 00	..	.....	1	50 00	1	60 00	..	.....
10509	29,173 78	..	.....	..	.....	..	.....	..	.....	..	.....
†10510	366,668 91	..	.....	..	.....	..	.....	..	.....	..	.....
*10511	17,042 00	2	175 00	3	265 00	2	175 00	2	100 00	1	35 00
10512	49,897 62	1	75 00	2	175 00	1	40 00	..	.....	..	.....
‡10513	78,630 23	5	2,083 30	1	125 00	1	125 00	2	200 00	1	25 00
10514	7,010 80	..	.....	..	.....	..	.....	..	.....	..	.....
10515	400 00	..	.....	..	.....	..	.....	..	.....	..	.....
10516	250 00	..	.....	..	.....	..	.....	..	.....	..	.....
10517	360 00	..	.....	..	.....	..	.....	..	.....	..	.....
10518	600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10520	23,750 00	..	.....	..	.....	..	.....	..	.....	..	.....
10521	1,080 00	..	.....	..	.....	..	.....	..	.....	..	.....
10522	17,537 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10524	15,651 27	1	80 00	2	175 00	1	90 00	..	.....	1	75 00
10526	25,757 24	..	.....	..	.....	..	.....	..	.....	..	.....
10536	23,766 22	..	.....	..	.....	1	20 00	..	.....	..	.....
10530	48,670 00	1	100 00	..	.....	1	50 00	..	.....	1	30 00
10525	15,862 89	1	75 00	..	.....	..	.....	1	65 00	..	.....
10489	104,815 00	1	100 00	1	100 00	2	120 00	..	.....	1	30 00
Totals...52	$2,030,892 04	24	$3,943 30	17	$1,515 00	24	$1,550 00	20	$1,160 00	9	$390 00

*2 mines; †3 mines; ‡4 mines.

TABLE IV21—COAL MINING—PORTAGE COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10533	$108,965 75	1	$150 00	2	$175 00	1	$110 00	..	.....	1	$35 00
10534	60,500 00	2	200 00	1	125 00	..	.....	1	$60 00	..	.....
Totals....3	$169,465 75	3	$350 00	3	$300 00	1	$110 00	1	$60 00	1	$35 00

*2 mines.

TABLE IV22—COAL MINING—SCIOTO COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10539	$120 00	..	.....	..	.....	..	.....	..	.....	..	.....
10540	8,783 10	1	$60 00	..	.....	..	.....	..	.....	..	.....
Totals....2	$8,903 10	1	$60 00	..	.....	..	.....	..	.....	..	.....

TABLE IV23—COAL MINING—STARK COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10545	$2,135 00	..	.....	..	.....	..	.....	..	.....	..	.....
10546	525 00	..	.....	..	.....	..	.....	..	.....	..	.....
10547	1,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10548	280 00	..	.....	..	.....	..	.....	..	.....	..	.....
10549	1,430 00	..	.....	..	.....	..	.....	..	.....	..	.....
10550	450 00	..	.....	..	.....	..	.....	..	.....	..	.....
*10552	499,000 00	12	$1,500 00	..	.....	4	$400 00	4	$300 00	1	$60 00
10553	8,464 00	1	85 00	..	.....	1	50 00	..	.....	..	.....
10554	19,000 00	1	100 00	..	.....	1	50 00	..	.....	1	30 00
10557	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10559	926 38	..	.....	..	.....	..	.....	..	.....	..	.....
10560	720 00	..	.....	..	.....	..	.....	..	.....	..	.....
10561-1	25,596 01	1	200 00	1	$150 00	1	75 00	1	65 00	1	50 00
10561-2	27,937 70	1	200 00	1	150 00	1	75 00	1	65 00	1	50 00
10561-3	37,303 66	1	200 00	1	150 00	1	75 00	1	65 00	1	50 00
10561-4	33,639 85	1	200 00	1	150 00	1	75 00	1	65 00	1	50 00
10561-5	33,668 40	1	200 00	1	150 00	1	75 00	1	65 00	1	50 00
10563	3,172 00	..	.....	..	.....	1	45 00	..	.....	..	.....
10564	1,850 00	..	.....	..	.....	..	.....	..	.....	..	.....
10565	3,703 64	1	75 00	..	.....	..	.....	..	.....	..	.....
10568	23,657 62	1	100 00	..	.....	1	24 00	..	.....	1	16 00
10569	57,780 00	1	125 00	1	245 00	..	.....	3	330 00	..	.....
10570	1,400 00	..	.....	..	.....	..	.....	..	.....	..	.....
†10571	8,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10572	1,786 15	..	.....	..	.....	..	.....	..	.....	..	.....
10573	650 00	..	.....	..	.....	..	.....	..	.....	..	.....
10574	4,000 00	..	.....	..	.....	1	40 00	..	.....	..	.....
10575	800 00	..	.....	..	.....	..	.....	..	.....	..	.....
10576	2,400 00	..	.....	..	.....	..	.....	..	.....	..	.....
10580	1,652 50	..	.....	..	.....	..	.....	..	.....	..	.....
10581-1	64,355 52	2	190 00	..	.....	1	80 00	1	50 00	1	45 00
10581-2	47,118 68	2	190 00	..	.....	1	80 00	1	50 00	1	45 00
10582	348 00	..	.....	..	.....	..	.....	..	.....	..	.....
10584	20,873 97	1	65 00	..	.....	..	.....	..	.....	..	.....
10585	1,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10,589	1,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals...46	$938,924 08	27	$3,430 00	6	$995 00	16	$784 00	14	$1,055 00	10	$446 00

*10 mines; †2 mines.

TABLE IV24—COAL MINING—SUMMIT COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10088	$36,450 90	1	$75 00	..	.....	1	$75 00	1	$60 00	..	.....
10590	1,600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10592	8,400 00	..	.....	..	.....	..	.....	..	.....	..	.....
10594	1,300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10597	40,600 00	1	75 00	1	50 00	1	100 00	..	.....	..	.....
10598	29,826 74	1	100 00	1	75 00	1	50 00	1	60 00	..	.....
10700	33,033 00	1	85 00	..	.....	1	50 00	..	.....	..	.....
10591	1,190 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals....8	$152,400 64	4	$335 00	2	$125 00	4	$275 00	2	$120 00	..	.....

TABLE IV25—COAL MINING—TRUMBULL COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10602	$5,298 00	1	$60 00	..	.....	..	.....	1	$40 00	..	.....
10603	225 00	..	.....	..	.....	..	.....	..	.....	..	.....
10604	800 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals....3	$6,323 00	1	$60 00	..	.....	..	.....	1	$40 00	..	.....

TABLE IV26—COAL MINING—TUSCARAWAS COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10089	$40,000 00	1	$100 00	..	.....	1	$80 00	1	$50 00	1	$40 00
10609	2,771 82	1	26 00	..	.....	..	.....	..	.....	..	.....
10610	600 00	..	.....	..	.....	..	.....	..	.....	..	.....
10611	1,998 05	..	.....	..	.....	..	.....	..	.....	..	.....
10612	1,200 00	..	.....	..	.....	..	.....	..	.....	..	.....
10613	5,665 72	..	.....	..	.....	..	.....	..	.....	..	.....
*10614	58,257 16	1	100 00	..	.....	1	80 00	1	20 00	1	40 00
10616	1,266 00	..	.....	..	.....	..	.....	..	.....	..	.....
10617	3,690 00	..	.....	..	.....	..	.....	..	.....	..	.....
†10618	112,518 76	1	75 00	..	.....	1	50 00	3	150 00	1	25 00
10619	42,462 60	1	25 00	..	.....	1	50 00	1	50 00	..	.....
10621	450 00	..	.....	..	.....	..	.....	..	.....	..	.....
10622	428 40	..	.....	..	.....	..	.....	..	.....	..	.....
10623	1,536 48	1	60 00	..	.....	..	.....	..	.....	..	.....
10624	20,971 17	1	90 00	..	.....	..	.....	..	.....	..	.....
10626	144 50	..	.....	..	.....	..	.....	..	.....	..	.....
10628	107,630 00	1	125 00	..	.....	1	75 00	..	.....	1	75 00
†10629	117,669 22	1	125 00	1	$100 00	1	75 00	1	35 00	..	.....
†10630	29,520 00	2	200 00	..	.....	1	55 00	..	.....	..	.....
10631	25,462 00	1	85 00	..	.....	..	.....	1	10 00	..	.....
10632	40,000 00	1	90 00	..	.....	1	75 00	..	.....	..	.....
†10633	48,338 00	1	80 00	..	.....	..	.....	..	.....	..	.....
10634	906 00	..	.....	..	.....	..	.....	..	.....	..	.....
10635	90,863 66	1	100 00	..	.....	..	.....	1	50 00	..	.....
10636	15,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10637	1,000 00	..	.....	..	.....	..	.....	..	.....	..	.....
10638	2,604 58	1	85 00	..	.....	1	50 00	..	.....	..	.....
10639	9,000 00	1	70 00	..	.....	1	25 00	..	.....	..	.....
*10641	87,969 00	2	330 00	1	75 00	1	150 00	1	50 00	..	.....
10642	16,306 00	1	50 00	..	.....	1	50 00	1	20 00	..	.....
10643	3,699 02	2	125 00	..	.....	1	90 00	1	40 00	..	.....
10646	36,000 00	1	100 00	..	.....	..	.....	..	.....	..	.....
10647	21,856 90	1	100 00	..	.....	1	50 00	1	50 00	..	.....
10649	33,600 00	1	100 00	..	.....	1	50 00	..	.....	..	.....
10649½	14,200 00	1	100 00	..	.....	1	50 00	..	.....	..	.....
10627	28,422 09	1	90 00	1	120 00	..	.....	..	.....	..	.....
10640	13,833 03	1	60 00	..	.....	..	.....	..	.....	..	.....
Totals...45	$1,038,339 58	28	$2,491 00	3	$295 00	16	$1,055 00	13	$525 00	4	$180 00

*3 mines; †2 mines.

TABLE IV27—COAL MINING—VINTON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
*10656	$800 00	1	$300 00	..	.....	..	.....	..	.....	..	.....
10657	52,300 00	1	100 00	1	$100 00	1	$100 00	..	.....	..	.....
10658	2,744 50	1	50 00	..	.....	1	50 00	..	.....	..	.....
10659	3,168 00	1	50 00	1	100 00	1	25 00	..	.....	..	.....
10660	15,494 20	1	65 00	1	125 00	1	50 00	..	.....	..	.....
10661	22,275 00	1	75 00	1	50 00	1	50 00	1	$45 00	1	$40 00
10662	14,400 00	1	75 00	1	100 00	1	40 00	..	.....	..	.....
10663	500 75	..	.....	..	.....	..	.....	..	.....	..	.....
10664	13,000 00	1	65 00	1	75 00	1	50 00	1	40 00	..	.....
Totals...10	$123,682 45	8	$780 00	6	$550 00	7	$365 00	2	$85 00	1	$40 00

*2 mines.

TABLE IV28—COAL MINING—WASHINGTON COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10670	$2,600 00	1	$30 00	..	.....	..	.....	..	.....	..	.....
Totals....1	$2,600 00	1	$30 00	..	.....	..	.....	..	.....	..	.....

TABLE IV29—COAL MINING—WAYNE COUNTY.

Schedule Number.	Total amount paid in wages during year 1904.	OFFICE HELP.									
		Superintendents.		Salesmen.		Bookkeepers.		Clerks.		Stenographers.	
		No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.	No.	Monthly salary.
10675	$31,586 00	1	$62 50	..	.....	..	.....	..	.....	..	.....
*10676	48,633 60	2	200 00	..	.....	1	$50 00	2	$100 00	..	.....
10677	18,500 00	..	.....	..	.....	..	.....	..	.....	..	.....
10680	300 00	..	.....	..	.....	..	.....	..	.....	..	.....
10681	3,340 00	..	.....	..	.....	..	.....	..	.....	..	.....
Totals....6	$102,359 60	3	$262 50	..	.....	1	$50 00	2	$100 00	..	.....

*2 mines.

TABLE V—COAL MINING.

Giving by Counties Total Number of Mines Reported, Total Number Employed Each Month and Monthly Average for the Year 1904.

Counties.	No. of mines reported.	January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Athens	45	5,101	....	5,125	....	5,225	....	4,200	....	4,706	....
Belmont	49	4,466	....	4,461	....	4,531	....	4,501	....	1,882	....
Carroll	10	525	....	517	....	494	....	480	....	496	....
Columbiana	31	1,287	....	1·308	....	1,252	....	1,077	....	1,026	....
Coshocton	19	884	....	906	....	895	....	789	....	496	....
Gallia	2	62	....	56	....	54	....	48	....	10	....
Guernsey	21	3,331	....	3,309	....	3,323	....	3,340	....	3,256	....
Harrison	12	507	....	518	....	499	....	551	....	80	....
Hocking	15	2,816	....	2,815	....	2,921	....	2,918	....	2,891	....
Holmes	9	57	....	65	....	60	....	47	....	47	....
Jackson	58	3,935	....	3,876	....	3,766	....	3,150	....	2,808	....
Jefferson	43	4,412	....	4,440	....	4,328	....	4,265	....	1,118	....
Lawrence	14	451	....	425	....	418	....	406	....	370	....
Mahoning	13	420	....	421	....	413	....	408	....	390	....
Medina	8	251	....	255	....	238	....	231	....	237	....
Meigs	16	477	....	454	....	436	....	349	....	190	....
Morgan	2	135	....	133	....	128	....	114	....	42	....
Muskingum	39	455	....	448	....	436	....	304	....	252	....
Noble	14	31	....	27	....	26	....	25	....	24	....
Perry	52	4,401	....	4,335	....	4,043	....	3,126	....	3,112	....
Portage	3	271	....	264	....	247	....	243	....	231	....
Scioto	2	35	....	31	....	29	....	2	....	2	....
Stark	46	2,229	....	2,222	....	2,088	....	1,655	....	1,484	....
Summit	8	257	....	256	....	231	....	224	....	207	....
Trumbull	3	23	....	23	....	23	....	22	....	1	....
Tuscarawas	45	2,113	....	2,158	....	2,133	....	1,973	....	2,010	....
Vinton	10	392	....	380	....	374	....	312	....	270	....
Washington	1	10	....	10	....	10	....	10	....	9	....
Wayne	6	235	....	236	....	194	....	189	....	86	....
Totals and averages	596	39,569	....	39,474	....	38,815	....	34,959	....	27,733	....

TABLE V—COAL MINING—Concluded.

June.		July.		August.		September.		October.		November.		December.		Monthly Average	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
5,057	....	5,291	....	5,889	....	5,803	....	5,617	....	5,421	....	5,444	....	5,240	....
4,665	....	4,543	....	4,449	....	4,485	....	4,852	....	4,893	....	5,093	....	4,402	....
500	....	515	....	500	....	524	....	540	....	545	....	547	....	515	....
1,048	....	1,056	....	1,039	....	891	....	931	....	963	....	1,028	....	1,075	....
312	....	287	....	397	....	553	....	592	....	616	....	793	....	627	....
10	....	10	....	57	....	49	....	51	....	10	....	50	....	39	....
3,229	....	3,220	....	3,115	....	3,200	....	3,222	....	3,241	....	3,286	....	3,256	....
540	....	666	....	648	....	649	....	678	....	651	....	678	....	555	....
2,802	....	2,797	....	2,795	....	2,794	....	2,796	....	2,799	....	2,799	....	2,829	....
41	....	39	....	38	....	43	....	53	....	51	....	55	....	50	....
2,816	....	2,981	....	3,565	....	3,844	....	3,827	....	4,028	....	4,117	....	3,559	....
3,890	....	3,691	....	3,806	....	4,126	....	4,345	....	4,352	....	4,419	....	3,933	....
359	....	347	....	359	....	399	....	418	....	440	....	454	....	404	....
408	....	394	....	408	....	427	....	440	....	452	....	449	....	419	....
229	....	216	....	211	....	215	....	222	....	259	....	257	....	235	....
70	....	92	....	107	....	291	....	370	....	483	....	403	....	310	....
47	....	40	....	29	....	130	....	160	....	169	....	175	....	108	....
197	....	240	....	299	....	345	....	392	....	404	....	439	....	351	....
23	....	26	....	30	....	37	....	36	....	34	....	34	....	29	....
3,561	....	3,597	....	3,675	....	4,458	....	4,272	....	4,324	....	4,343	....	3,937	....
220	....	228	....	237	....	241	....	248	....	281	....	286	....	250	....
6	....	11	....	30	....	30	....	35	....	35	....	38	....	24	....
1,455	....	1,454	....	1,851	....	2,003	....	2,156	....	2,165	....	2,220	....	1,915	....
195	....	244	....	279	....	359	....	438	....	443	....	459	....	299	....
1	....	1	....	22	....	28	....	32	....	27	....	27	....	19	....
1 962	....	2,063	....	2,061	....	2,144	....	2,196	....	2,227	....	2,270	....	2,109	....
281	....	301	....	326	....	352	....	357	....	364	....	379	....	341	....
9	....	9	....	9	....	10	....	10	....	10	....	10	....	10	....
86	....	86	....	134	....	134	....	162	....	202	....	220	....	164	....
34,019	....	34,445	....	36,365	....	38,564	....	39.448	....	39,889	....	40,772	....	37,004	....

TABLE VI—COAL MINING.

GIVING NUMBER EMPLOYED EACH MONTH FOR THE YEAR 1904.

TABLE VII—COAL MINING—ATHENS COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10000	125	.....	125	.....	125	.....	125	.....	125	.....
*10001	146	.....	146	.....	146	.....	146	.....	146	.....
10002-1	325	.....	300	.....	350	.....	313	.....	320	.....
10002-2	345	.....	347	.....	354	.....	350	.....	352	.....
10005	20	.....	18	.....	22	.....	30	.....	15	.....
†10006	2,186	.....	2,186	.....	2,223	.....	1,438	.....	1,914	.....
10007	2	.....	2	.....	2	.....	2	.....	2	.....
10009	198	.....	192	.....	195	.....	195	.....	199	.....
10012	34	.....	34	.....	34	.....	34	.....	34	.....
10013	110	.....	106	.....	100	.....	85	.....	81	.....
10015	12	.....	12	.....	12	.....	12	.....	12	.....
10016	158	.....	153	.....	150	.....	150	.....	13	.....
*10018	13	.....	15	.....	16	.....	16	.....	17	.....
10019	106	.....	106	.....	106	.....	106	.....	106	.....
*10022	275	.....	270	.....	260	.....	250	.....	240	.....
10023	22	.....	25	.....	28	.....	23	.....	24	.....
10024	41	.....	41	.....	43	.....	54	.....	64	.....
10025	5	.....	10	.....	3	.....	4	.....	7	.....
10028	97	.....	102	.....	117	.....	134	.....	105	.....
10028½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10030	40	.....	40	.....	40	.....	40	.....	40	.....
10031	61	.....	61	.....	61	.....	61	.....	61	.....
10211	73	.....	73	.....	73	.....	73	.....	73	.....
10003	417	.....	464	.....	484	.....	474	.....	470	.....
‡10010	230	.....	237	.....	221	.....	25	.....	226	.....
10014	60	.....	60	.....	60	.....	60	.....	60	.....
10032	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....45	5,101	.....	5,125	.....	5,225	.....	4,200	.....	4,706	.....

*2 mines; †14 mines; ‡3 mines.

TABLE VII—COAL MINING—ATHENS COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
125	.....	125	.....	125	.....	125	.....	125	.....	125	.....	125	.....
146	.....	146	.....	146	.....	146	.....	146	.....	146	.....	146	.....
330	.....	337	.....	320	.....	324	.....	326	.....	330	.....	325	.....
354	.....	353	.....	349	.....	342	.....	342	.....	347	.....	347	.....
12	.....	18	.....	10	.....	25	.....	27	.....	18	.....	14	.....
2,318	.....	2,536	.....	2,931	.....	2,766	.....	2,581	.....	2,356	.....	2,356	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
194	.....	191	.....	190	.....	194	.....	199	.....	200	.....	196	.....
34	.....	34	.....	34	.....	34	.....	34	.....	34	.....	34	.....
69	.....	63	.....	83	.....	81	.....	85	.....	97	.....	97	.....
12	.....	12	.....	12	.....	12	.....	12	.....	12	.....	12	.....
155	.....	156	.....	146	.....	145	.....	140	.....	153	.....	157	.....
16	.....	15	.....	17	.....	17	.....	16	.....	15	.....	15	.....
106	.....	106	.....	106	.....	106	.....	106	.....	106	.....	106	.....
250	.....	260	.....	280	.....	275	.....	270	.....	270	.....	265	.....
20	.....	23	.....	21	.....	29	.....	30	.....	28	.....	26	.....
63	.....	67	.....	75	.....	119	.....	100	.....	73	.....	81	.....
10	.....	12	.....	14	.....	15	.....	15	.....	17	.....	17	.....
128	.....	120	.....	137	.....	144	.....	140	.....	145	.....	146	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	67	.....
40	.....	40	.....	45	.....	40	.....	45	.....	45	.....	40	.....
61	.....	61	.....	61	.....	61	.....	61	.....	61	.....	61	.....
73	.....	73	.....	73	.....	73	.....	73	.....	73	.....	73	.....
464	.....	451	.....	465	.....	464	.....	467	.....	464	.....	474	.....
15	.....	30	.....	187	.....	187	.....	198	.....	187	.....	185	.....
60	.....	60	.....	60	.....	60	.....	60	.....	60	.....	60	.....
.....	.....	.....	.....	.....	.....	17	.....	17	.....	17	.....	17	.....
5 057	.....	5,291	.....	5,889	.....	5,803	.....	5,617	.....	5,421	.....	5,444	.....

TABLE VI2—COAL MINING—BELMONT COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10035	1,118	.....	1,116	.....	1,135	.....	1,100	.....	.....	.....
10036	86	.....	84	.....	83	.....	84	.....	85	.....
10037	142	.....	140	.....	128	.....	128	.....	140	.....
10038	64	.....	64	.....	64	.....	64	.....	64	.....
10039	33	.....	34	.....	34	.....	34	.....	34	.....
10040	210	.....	200	.....	195	.....	186	.....	200	.....
10041	10	.....	8	.....	8	.....	6	.....	4	.....
10043	3	.....	3	.....	3	.....	2	.....	2	.....
10044	3	.....	3	.....	6	.....	6	.....	6	.....
10045	1	.....	1	.....	1	.....	1	.....	1	.....
10046	6	.....	4	.....	4	.....	4	.....	4	.....
†10047	3	.....	3	.....	4	.....	3	.....	2	.....
†10048	165	.....	181	.....	184	.....	166	.....	.....	.....
10050	380	.....	380	.....	380	.....	380	.....	380	.....
10051	180	.....	180	.....	180	.....	180	.....	12	.....
‡10052	11	.....	11	.....	12	.....	10	.....	9	.....
‡10053	520	.....	520	.....	520	.....	520	.....	520	.....
10054	600	.....	600	.....	600	.....	600	.....	15	.....
10055	10	.....	10	.....	10	.....	10	.....	10	.....
10056	4	.....	4	.....	4	.....	4	.....	2	.....
‡10058	5	.....	4	.....	4	.....	3	.....	3	.....
10059	132	.....	137	.....	140	.....	156	.....	152	.....
10060	5	.....	5	.....	5	.....	5	.....	5	.....
10061	1	.....	1	.....	1	.....	1	.....	1	.....
10063	126	.....	125	.....	116	.....	101	.....	16	.....
10065	75	.....	80	.....	71	.....	68	.....	4	.....
10067	8	.....	8	.....	8	.....	6	.....	6	.....
10068	67	.....	65	.....	68	.....	69	.....	.....	.....
10069	61	.....	59	.....	62	.....	51	.....	68	.....
10070	170	.....	156	.....	180	.....	220	.....	.....	.....
†10071	92	.....	96	.....	100	.....	88	.....	8	.....
†10072	25	.....	26	.....	30	.....	30	.....	20	.....
10073	13	.....	13	.....	13	.....	13	.....	13	.....
10596	57	.....	60	.....	61	.....	79	.....	62	.....
10066	80	.....	80	.....	80	.....	80	.....	.....	.....
10075	.....	.....	.....	.....	37	.....	43	.....	34	.....
10076	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....49	4,466	.....	4,461	.....	4,531	.....	4,501	.....	1,882	.....

*4 mines; †2 mines; ‡3 mines.

TABLE VI2—COAL MINING—BELMONT COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1,100	.....	1,125	.....	1,108	.....	1,106	.....	1,100	.....	1,080	.....	1,120	.....
84	.....	83	.....	78	.....	75	.....	75	.....	74	.....	75	.....
142	.....	150	.....	143	.....	147	.....	162	.....	163	.....	169	.....
64	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	50	.....
34	.....	34	.....	34	.....	35	.....	36	.....	36	.....	36	.....
206	.....	181	.....	180	.....	164	.....	171	.....	178	.....	204	.....
4	.....	4	.....	4	.....	4	.....	5	.....	8	.....	9	.....
2	.....	2	.....	2	.....	2	.....	3	.....	3	.....	3	.....
7	.....	7	.....	6	.....	5	.....	5	.....	3	.....	3	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
2	.....	2	.....	2	.....	2	.....	2	.....	3	.....	5	.....
1	.....	1	.....	1	.....	2	.....	3	.....	3	.....	3	.....
163	.....	221	.....	236	.....	250	.....	240	.....	216	.....	239	.....
380	.....	380	.....	380	.....	380	.....	380	.....	380	.....	380	.....
180	.....	180	.....	180	.....	180	.....	180	.....	180	.....	180	.....
8	.....	8	.....	9	.....	9	.....	9	.....	10	.....	11	.....
520	.....	520	.....	405	.....	465	.....	520	.....	520	.....	520	.....
600	.....	450	.....	450	.....	450	.....	600	.....	600	.....	600	.....
10	...	10	.....	10	.....	10	.....	10	.....	10	.....	10	.....
2	.....	2	.....	2	.....	2	.....	4	.....	4	.....	6	.....
2	.....	2	.....	2	.....	2	.....	4	.....	5	.....	5	.....
147	.....	142	.....	186	.....	182	.....	180	.....	178	.....	201	.....
5	.....	5	.....	5	.....	5	.....	5	.....	5	.....	5	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	.....	.....
83	.....	112	.....	93	.....	85	.....	118	.....	115	.....	113	.....
70	.....	71	.....	74	.....	69	.....	74	.....	78	.....	84	.....
5	.....	6	.....	7	.....	7	.....	9	.....	10	.....	12	.....
63	.....	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....
66	.....	58	.....	64	.....	60	.....	65	.....	68	.....	63	.....
255	.....	262	.....	340	.....	327	.....	320	.....	290	.....	268	.....
95	.....	87	.....	70	.....	78	.....	100	.....	88	.....	95	.....
190	.....	195	.....	195	.....	192	.....	188	.....	190	.....	195	.....
13	.....	13	.....	13	.....	13	.....	13	.....	13	.....	13	.....
80	.....	83	.....	88	.....	95	.....	107	.....	105	.....	118	.....
80	.....	80	.....	80	.....	80	.....	80	.....	80	.....	80	.....
.....	.....	.....	.....	.....	.....	.....	.....	36	.....	49	.....	44	.....
.....	.....	.....	.....	.....	.....	.....	.....	46	.....	96	.....	123	.....
4,665	.....	4,543	.....	4,449	.....	4,485	.....	4,852	.....	4,893	.....	5,093	.....

TABLE VI3—COAL MINING—CARROLL COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10080	3	.....	2	.....	2	.....	2	.....	2	.....
10081	80	.....	78	.....	50	.....	45	.....	48	.....
10083	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*10084	360	.....	360	.....	360	.....	360	.....	360	.....
10086	75	.....	70	.....	75	.....	65	.....	80	.....
10087	6	.....	6	.....	6	.....	6	.....	5	.....
10090	.....	.....	.....	.....	.....	.....	1	.....	1	.....
10082	1	.....	1	.....	1	.....	1	.....	.....	.....
Totals.....10	525	.....	517	.....	494	.....	480	.....	496	.....

*3 mines

TABLE VI 3—COAL MINING—CARROLL COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
2	.....	2	.....	3	.....	3	.....	3	.....	3	.....	3	.....
52	.....	52	.....	56	.....	65	.....	72	.....	77	.....	81	.....
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....
360	.....	360	.....	340	.....	350	.....	360	.....	360	.....	360	.....
80	.....	95	.....	95	.....	100	.....	95	.....	95	.....	95	.....
5	.....	5	.....	5	.....	5	.....	6	.....	6	.....	4	.....
1	.....	1	.....	1	.....	.....	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....
500	.....	515	.....	500	.....	524	.....	540	.....	545	.....	547	.....

TABLE VI4—COAL MINING—COLUMBIANA COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10099	100	.....	110	.....	90	.....	10	.....	5	.....
10100	33	.....	33	.....	34	.....	35	.....	38	.....
10101	77	.....	95	.....	76	.....	82	.....	96	.....
10102	4	.....	4	.....	4	.....	4	.....	4	.....
10103	2	.....	2	.....	.....	.....	.....	.....	.....	.....
10104	4	.....	4	.....	3	.....	3	.....	2	.....
10105	3	.....	3	.....	3	.....	3	.....	3	.....
10106	4	.....	2	.....	4	.....	4	.....	4	.....
10107	4	.....	4	.....	4	.....	1	.....	1	.....
*10108	95	.....	95	.....	95	.....	55	.....	55	.....
10109	72	.....	72	.....	71	.....	55	.....	50	.....
10110	2	.....	2	.....	2	.....	.....	.....	.....	.....
10111	98	.....	98	.....	94	.....	97	.....	97	.....
10112	98	.....	88	.....	83	.....	66	.....	17	.....
10113	2	.....	2	.....	2	.....	1	.....	.....	.....
10114	75	.....	75	.....	75	.....	75	.....	75	.....
10115	99	.....	99	.....	99	.....	99	.....	99	.....
10116	20	.....	20	.....	20	.....	20	.....	20	.....
10117	18	.....	18	.....	16	.....	4	.....	6	.....
10118	7	.....	7	.....	7	.....	7	.....	7	.....
10120	12	.....	12	.....	12	.....	10	.....	8	.....
10121	6	.....	6	.....	6	.....	6	.....	6	.....
10122	6	.....	6	.....	6	.....	2	.....	2	.....
10123	10	.....	10	.....	10	.....	10	.....	5	.....
10124	152	.....	154	.....	153	.....	153	.....	153	.....
10127	25	.....	26	.....	24	.....	26	.....	24	.....
10129	30	.....	30	.....	30	.....	20	.....	20	.....
*10119	225	.....	225	.....	225	.....	225	.....	225	.....
10125	4	.....	4	.....	4	.....	4	.....	4	.....
Totals.....31	1,287	.....	1,308	.....	1,252	.....	1,077	.....	1,026	.....

*2 mines.

TABLE V4—COAL MINING—COLUMBIANA COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
25	.....	35	.....	35	.....	30	.....	32	.....	34	.....	42	.....
46	.....	50	.....	45	.....	46	.....	51	.....	62	.....	64	.....
93	.....	96	.....	135	.....	140	.....	128	.....	122	.....	145	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
2	.....	2	.....	2	.....	3	.....	4	.....	4	.....	4	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
1	.....	1	.....	3	.....	4	.....	4	.....	4	.....	4	.....
55	.....	55	.....	55	.....	55	.....	55	.....	65	.....	80	.....
52	.....	50	.....	5	.....	11	.....	50	.....	50	.....	54	.....
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....
100	.....	98	.....	72	.....	9	.....	.....	.....	.....	.....	.....	.....
11	.....	3	.....	7	.....	3	.....	2	.....	12	.....	23	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	.....	80	.....	90	.....	90	.....	90	.....	90	.....	100	.....
99	.....	99	.....	99	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	20	.....	20	.....	20	.....	20	.....	20	.....	20	.....
6	.....	6	.....	6	.....	8	.....	10	.....	12	.....	12	.....
7	.....	7	.....	7	.....	7	.....	7	.....	7	.....	7	.....
8	.....	8	.....	12	.....	12	.....	12	.....	14	.....	14	.....
6	.....	6	.....	6	.....	6	.....	6	.....	6	.....	.....	.....
2	.....	2	.....	2	.....	4	.....	7	.....	7	.....	7	.....
5	.....	5	.....	5	.....	5	.....	5	.....	5	.....	5	.....
154	.....	154	.....	154	.....	154	.....	154	.....	154	.....	154	.....
26	.....	24	.....	24	.....	27	.....	28	.....	29	.....	27	.....
15	.....	15	.....	15	.....	15	.....	22	.....	22	.....	22	.....
225	.....	225	.....	225	.....	225	.....	225	.....	225	.....	225	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
1,048	.....	1,056	.....	1,039	.....	891	.....	931	.....	963	.....	1,028	.....

TABLE VI5—COAL MINING—COSHOCTON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10141	72	.....	75	.....	87	.....	84	.....	83	.....
10142	60	.....	64	.....	63	.....	57	.....	63	.....
10143	4	.....	4	.....	4	.....	4	.....	4	.....
10144	6	.....	6	.....	6	.....	6	.....	6	.....
10145	6	.....	6	.....	6	.....	5	.....	5	.....
10146	128	.....	138	.....	123	.....	116	.....	117	.....
10147	12	.....	12	.....	12	.....	12	.....	12	.....
10147½	3	.....	3	.....	3	.....	.....	.....	.....	.....
10148	78	.....	78	.....	70	.....	70	.....	50	.....
10149	7	.....	7	.....	7	.....	4	.....	4	.....
*10150	3	.....	3	.....	3	.....	3	.....	3	.....
10152	83	.....	83	.....	83	.....	83	.....	.....	.....
10153	325	.....	320	.....	320	.....	250	.....	35	.....
10154	55	.....	66	.....	71	.....	64	.....	71	.....
10158	30	.....	30	.....	27	.....	25	.....	37	.....
10159	4	.....	4	.....	3	.....	2	.....	2	.....
10160	6	.....	5	.....	5	.....	2	.....	2	.....
10151	2	.....	2	.....	2	.....	2	.....	2	.....
Totals.....19	884	.....	906	.....	895	.....	789	.....	496	.....

*2 mines.

TABLE VI5—COAL MINING—COSHOCTON COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77	.....
66	.....	63	.....	53	.....	55	.....	56	.....	60	.....	58	.....
.....	.....	.....	.....	4	.....	4	.....	4	.....	4	.....	4	.....
6	.....	6	.....	6	.....	6	.....	6	.....	6	.....	6	.....
3	.....	3	.....	3	.....	5	.....	6	.....	6	.....	6	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94	.....
12	.....	12	.....	12	.....	12	.....	12	.....	12	.....	12	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
50	.....	30	.....	35	.....	40	.....	50	.....	60	.....	70	.....
3	.....	3	.....	3	.....	7	.....	8	.....	8	.....	9	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
.....	.....	.....	.....	.....	.....	83	.....	83	.....	83	.....	83	.....
32	.....	35	.....	150	.....	210	.....	242	.....	247	.....	249	.....
86	.....	76	.....	70	.....	61	.....	46	.....	51	.....	50	.....
45	.....	50	.....	52	.....	60	.....	65	.....	65	.....	60	.....
2	.....	2	.....	2	.....	2	.....	3	.....	3	.....	3	.....
2	.....	2	.....	2	.....	3	.....	6	.....	6	.....	4	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
312	.....	287	.....	397	.....	553	.....	592	.....	616	.....	793	.....

TABLE VI6—COAL MINING GALLIA COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10165	52	.....	46	.....	44	.....	38	.....	.....	.....
10726	10	.....	10	.....	10	.....	10	.....	10	.....
Totals 2	62	.....	56	.....	54	.....	48	.....	10	.....

TABLE VI6—COAL MINING—GALLIA COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
.....	.....	.....	.....	47	.....	39	.....	21	.....	.....	.....	40	.....
10	.....	10	.....	10	.....	10	.....	10	.....	10	.....	10	.....
10	.....	10	.....	57	.....	49	.....	51	.....	10	.....	50	.....

TABLE VI 7—COAL MINING—GUERNSEY COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
*10171	422	.....	419	.....	411	.....	410	.....	421	.....
*10172	508	.....	504	.....	500	.....	477	.....	493	.....
10173	131	.....	133	.....	129	.....	130	.....	121	.....
10174	178	.....	203	.....	205	.....	214	.....	221	.....
10175	191	.....	151	.....	180	.....	206	.....	204	.....
10177	180	.....	180	.....	180	.....	180	.....	180	.....
10178	9	.....	9	.....	9	.....	9	.....	8	.....
*10179	110	.....	113	.....	114	.....	108	.....	10	.....
10180	68	.....	68	.....	68	.....	68	.....	68	.....
†10181	1,041	.....	1,035	.....	1,030	.....	1,042	.....	1,040	.....
10183	82	.....	85	.....	83	.....	80	.....	77	.....
10185	211	.....	206	.....	202	.....	196	.....	191	.....
10186	57	.....	60	.....	55	.....	73	.....	79	.....
10187	143	.....	143	.....	157	.....	147	.....	143	.....
10191	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....21	3,331	.....	3,309	.....	3,323	.....	3,340	.....	3,256	.....

*2 mines; †4 mines.

TABLE VI7—COAL MINING—GUERNSEY COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
419	.....	426	.....	433	.....	428	.....	425	.....	416	.....	420	.....
510	.....	519	.....	526	.....	522	.....	531	.....	525	.....	523	.....
119	.....	123	.....	121	.....	128	.....	130	.....	129	.....	134	.....
221	.....	190	.....	185	.....	248	.....	291	.....	303	.....	287	.....
223	.....	228	.....	227	.....	230	.....	249	.....	198	.....	210	.....
180	.....	180	.....	180	.....	180	.....	180	.....	180	.....	180	.....
5	.....	5	.....	2	.....	5	.....	7	.....	9	.....	9	.....
23	.....	7	.....	7	.....	8	.....	15	.....	10	.....	10	.....
68	.....	68	.....	68	.....	68	.....	68	.....	68	.....	68	.....
1,025	.....	1,009	.....	1,007	.....	995	.....	920	.....	916	.....	904	.....
76	.....	78	.....	81	.....	86	.....	90	.....	93	.....	97	.....
194	.....	197	.....	196	.....	173	.....	184	.....	185	.....	204	.....
62	.....	88	.....	68	.....	87	.....	76	.....	72	.....	68	.....
104	.....	102	.....	14	.....	42	.....	56	.....	137	.....	135	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	.....
3,229	.....	3,220	.....	3,115	.....	3,200	.....	3,222	.....	3,241	.....	3,286	.....

TABLE VI8—COAL MINING—HARRISON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10194	1	.....	1	.....	1	.....	1	.....	1	.....
10196	1	.....	1	.....	1	.....	.....	.....	.....	.....
10198	1	.....	1	.....	1	.....	1	.....	1	.....
10199	293	.....	304	.....	298	.....	346	.....	.....	.....
10200	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
10202	6	.....	3	.....	3	.....	3	.....	2	.....
10203	60	.....	60	.....	50	.....	52	.....	50	.....
10204	135	.....	139	.....	136	.....	140	.....	19	.....
10209	3	.....	3	.....	3	.....	3	.....	3	.....
10195	6	.....	6	.....	6	.....	5	.....	4	.....
10201	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10206	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....12	507	.....	518	.....	499	.....	551	.....	80	.....

TABLE VI8—COAL MINING—HARRISON COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	1	.....	2	.....	1	.....	1	.....	2	.....
262	.....	349	.....	331	.....	347	.....	387	.....	349	.....	364	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....
2	.....	2	.....	2	.....	3	.....	3	.....	3	.....	4	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
127	.....	166	.....	163	.....	144	.....	130	.....	138	.....	146	.....
4	.....	4	.....	6	.....	6	.....	8	.....	9	.....	11	.....
3	.....	3	.....	3	.....	4	.....	5	.....	6	.....	6	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
140	.....	140	.....	140	.....	140	.....	140	.....	140	.....	140	.....
540	.....	666	.....	648	.....	649	.....	678	.....	651	.....	678	.....

TABLE VI9—COAL MINING—HOCKING COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10212-1	156	.....	158	.....	160	.....	157	.....	154	.....
*10212-2	515	.....	512	.....	514	.....	516	.....	520	.....
10212-3	120	.....	120	.....	122	.....	120	.....	92	.....
†10213	392	.....	392	.....	492	.....	492	.....	492	.....
‡10214	1,601	.....	1,601	.....	1,601	.....	1,601	.....	1,601	.....
*10215	32	.....	32	.....	32	.....	32	.....	32	.....
Totals.....15	2,816	.....	2,815	.....	2,921	.....	2,918	.....	2,891	.....

*2 mines; †3 mines; ‡6 mines.

TABLE VI9—COAL MINING—HOCKING COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
156	.....	153	.....	152	.....	149	.....	155	.....	156	.....	155	.....
521	.....	519	.....	518	.....	520	.....	516	.....	518	.....	519	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
492	.....	492	.....	492	.....	492	.....	492	.....	492	.....	492	.....
1,601	.....	1,601	.....	1,601	.....	1,601	.....	1,601	.....	1,601	.....	1,601	.....
32	.....	32	.....	32	.....	32	.....	32	.....	32	.....	32	.....
2,802	.....	2,797	.....	2,795	.....	2,794	.....	2,796	.....	2,799	.....	2,799	.....

TABLE VI10—COAL MINING—HOLMES COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
*10224	10	.....	10	.....	8	.....	6	.....	6	.....
*10226	10	.....	8	.....	8	.....	7	.....	5	.....
10227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10228	22	.....	30	.....	29	.....	24	.....	26	.....
10229	9	.....	9	.....	9	.....	4	.....	4	.....
10225	2	.....	2	.....	2	.....	2	.....	2	.....
10230	4	.....	4	.....	4	.....	4	.....	4	.....
Totals 9	57	.....	65	.....	60	.....	47	.....	47	.....

*2 mines.

TABLE VIIo—COAL MINING—HOLMES COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
4	.....	4	.....	4	.....	5	.....	8	.....	10	.....	10	.....
3	.....	3	.....	2	.....	6	.....	8	.....	10	.....	10	.....
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4	.....	4	.....
24	.....	22	.....	22	.....	20	.....	21	.....	13	.....	17	.....
4	.....	4	.....	4	.....	6	.....	6	.....	8	.....	8	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
41	.....	39	.....	38	.....	43	.....	53	.....	51	.....	55	.....

TABLE VIII—COAL MINING—JACKSON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10237	300	.....	300	.....	270	.....	135	.....	130	.....
10238	55	.....	53	.....	50	.....	46	.....	46	.....
*10239	68	.....	64	.....	62	.....	58	.....	60	.....
10240	11	.....	10	.....	10	.....	8	.....	8	.....
10241	8	.....	8	.....	8	.....	8	.....	8	.....
10242	136	.....	135	.....	122	.....	129	.....	80	.....
*10244	30	.....	18	.....	28	.....	30	.....	16	.....
10245	7	.....	7	.....	.....	.....	.....	.....	.....	.....
10246	36	.....	34	.....	32	.....	28	.....	22	.....
†10248	309	.....	318	.....	305	.....	305	.....	279	.....
†10250	326	.....	329	.....	261	.....	185	.....	209	.....
‡10251	1,336	.....	1,291	.....	1,279	.....	1,162	.....	1,045	.....
10253	3	.....	3	.....	3	.....	3	.....	3	.....
10254	190	.....	195	.....	180	.....	171	.....	165	.....
10255	21	.....	21	.....	21	.....	5	.....	4	.....
10256	60	.....	55	.....	55	.....	40	.....	40	.....
10257	37	.....	33	.....	36	.....	34	.....	34	.....
*10258	150	.....	145	.....	142	.....	125	.....	115	.....
10259	118	.....	120	.....	129	.....	88	.....	58	.....
10260	20	.....	20	.....	20	.....	20	.....	20	.....
10261	20	.....	20	.....	20	.....	20	.....	20	.....
10262	35	.....	30	.....	32	.....	32	.....	38	.....
10263	1	.....	1	.....	.....	.....	.....	.....	.....	.....
10264	42	.....	41	.....	40	.....	.....	.....	.....	.....
10265	20	.....	15	.....	10	.....	.....	.....	.....	.....
10266	12	.....	13	.....	12	.....	10	.....	10	.....
10267	33	.....	28	.....	34	.....	32	.....	12	.....
10268	28	.....	27	.....	28	.....	8	.....	11	.....
10270	47	.....	60	.....	60	.....	42	.....	5	.....
10271	45	.....	49	.....	48	.....	50	.....	48	.....
10272	.....	.....	.....	.....	25	.....	25	.....	25	.....
10274	11	.....	13	.....	10	.....	2	.....	3	.....
*10275	100	.....	100	.....	90	.....	85	.....	75	.....
10277	33	.....	30	.....	32	.....	16	.....	9	.....
10279	13	.....	13	.....	13	.....	13	.....	.....	.....
10280	34	.....	34	.....	34	.....	34	.....	34	.....
10281	45	.....	47	.....	65	.....	63	.....	55	.....
10282	28	.....	28	.....	28	.....	.....	.....	.....	.....
10283	51	.....	51	.....	51	.....	51	.....	51	.....
10284	15	.....	15	.....	15	.....	16	.....	14	.....
10287	42	.....	44	.....	46	.....	45	.....	29	.....
10289	24	.....	22	.....	24	.....	26	.....	10	.....
10451	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10228	35	.....	36	.....	36	.....	.....	.....	17	.....
Totals.....58	3,935	.....	3,876	.....	3,766	.....	3,150	.....	2,808	.....

*2 mines; †3 mines; ‡7 mines.

TABLE VIII—COAL MINING—JACKSON COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
110	.....	90	.....	190	.....	290	.....	280	.....	290	.....	290	.....
27	.....	29	.....	33	.....	30	.....	31	.....	33	.....	24	.....
57	.....	60	.....	60	.....	67	.....	70	.....	74	.....	68	.....
6	.....	6	.....	8	.....	8	.....	7	.....	7	.....	7	.....
8	.....	8	.....	8	.....	9	.....	17	.....	19	.....	19	.....
40	.....	41	.....	73	.....	80	.....	96	.....	102	.....	123	.....
16	.....	21	.....	24	.....	23	.....	25	.....	25	.....	27	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	43	.....	45	.....	53	.....	58	.....	44	.....	29	.....
275	.....	269	.....	361	.....	363	.....	359	.....	365	.....	346	.....
220	.....	218	.....	246	.....	226	.....	194	.....	208	.....	197	.....
1,135	.....	1,370	.....	1,471	.....	1,482	.....	1,402	.....	1,567	.....	1,678	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
158	.....	153	.....	150	.....	171	.....	179	.....	183	.....	177	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	.....	40	.....	50	.....	55	.....	60	.....	60	.....	60	.....
33	.....	30	.....	30	.....	38	.....	38	.....	39	.....	38	.....
15	.....	115	.....	130	.....	135	.....	150	.....	150	.....	155	.....
58	.....	58	.....	108	.....	123	.....	126	.....	128	.....	123	.....
20	.....	20	.....	20	.....	20	.....	20	.....	20	.....	20	.....
20	.....	20	.....	20	.....	20	.....	20	.....	20	.....	20	.....
35	.....	35	.....	34	.....	34	.....	34	.....	34	.....	37	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	37	.....	39	.....	38	.....	37	.....	38	.....
.....	.....	.....	.....	10	.....	10	.....	15	.....	20	.....	20	.....
9	.....	9	.....	12	.....	8	.....	10	.....	9	.....	8	.....
.....	.....	.....	.....	1	.....	5	.....	16	.....	22	.....	23	.....
15	.....	11	.....	19	.....	25	.....	22	.....	1	.....	1	.....
11	.....	45	.....	60	.....	49	.....	45	.....	45	.....	47	.....
48	.....	.....	.....	.....	.....	46	.....	45	.....	48	.....	47	.....
25	.....	25	.....	25	.....	25	.....	25	.....	25	.....	25	.....
5	.....	1	.....	3	.....	8	.....	15	.....	17	.....	18	.....
75	.....	70	.....	85	.....	85	.....	80	.....	80	.....	80	.....
15	.....	17	.....	19	.....	19	.....	16	.....	11	.....	12	.....
.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....	.....
34	.....	34	.....	34	.....	34	.....	34	.....	34	.....	34	.....
52	.....	48	.....	60	.....	65	.....	70	.....	75	.....	80	.....
.....	.....	.....	.....	.....	.....	28	.....	28	.....	28	.....	28	.....
51	.....	51	.....	51	.....	51	.....	51	.....	51	.....	51	.....
13	.....	12	.....	9	.....	12	.....	13	.....	15	.....	16	.....
32	.....	.....	.....	28	.....	36	.....	39	.....	40	.....	38	.....
14	.....	10	.....	22	.....	28	.....	25	.....	20	.....	17	.....
1	.....	1	.....	1	.....	2	.....	16	.....	34	.....	35	.....
11	.....	18	.....	27	.....	39	.....	41	.....	44	.....	57	.....
2,816	.....	2,981	.....	3,565	.....	3,844	.....	3,827	.....	4,028	.....	4,117	.....

TABLE VI12—COAL MINING—JEFFERSON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
*10293	960	.....	955	.....	958	.....	953	.....	15	.....
10294	84	.....	83	.....	83	.....	82	.....	83	.....
10295	106	.....	110	.....	105	.....	98	.....	102	.....
10296	30	.....	35	.....	35	.....	30	.....	25	.....
10297	7	.....	7	.....	7	.....	7	.....	7	.....
10298	22	.....	24	.....	.....	.....	.....	.....	7	.....
10299	3	.....	3	.....	3	.....	3	.....	3	.....
10302	8	.....	8	.....	7	.....	5	.....	3	.....
10303	1	.....	1	.....	1	.....	.....	.....	.....	.....
10304	2	.....	2	.....	2	.....	2	.....	2	.....
10305	74	.....	74	.....	74	.....	74	.....	.....	.....
*10306	462	.....	477	.....	444	.....	474	.....	44	.....
10307	202	.....	220	.....	211	.....	180	.....	207	.....
10308	3	.....	3	.....	3	.....	3	.....	3	.....
†10309	315	.....	308	.....	307	.....	302	.....	.....	.....
10313	85	.....	91	.....	87	.....	83	.....	.....	.....
10314	389	.....	374	.....	397	.....	417	.....	.....	.....
10315	120	.....	121	.....	118	.....	115	.....	111	.....
‡10316	550	.....	545	.....	548	.....	546	.....	12	.....
10320	119	.....	114	.....	116	.....	124	.....	17	.....
10321	128	.....	128	.....	128	.....	128	.....	128	.....
10323	50	.....	60	.....	15	.....	15	.....	54	.....
10324	46	.....	46	.....	46	.....	.....	.....	46	.....
10325	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10326	113	.....	117	.....	94	.....	82	.....	.....	.....
10292	4	.....	4	.....	4	.....	4	.....	4	.....
10310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10311	204	.....	200	.....	203	.....	203	.....	.....	.....
10311½	140	.....	140	.....	140	.....	150	.....	150	.....
10312	5	.....	5	.....	3	.....	2	.....	2	.....
10317	180	.....	185	.....	189	.....	183	.....	93	.....
Totals. 43	4,412	.....	4,440	.....	4,328	.....	4,265	.....	1,118	.....

*3 mines; †2 mines; ‡8 mines.

TABLE VI12—COAL MINING—JEFFERSON COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
640	.....	650	.....	700	.....	825	.....	890	.....	905	.....	925	.....
83	.....	83	.....	.....	.....	81	.....	34	.....	39	.....	45	.....
84	.....	28	.....	.....	.....	.....	.....	.....	.....	65	.....	64	.....
10	.....	3	.....	3	.....	10	.....	3	.....	10	.....	15	.....
7	.....	7	.....	7	.....	7	.....	7	.....	7	.....	7	.....
14	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
.....	.....	.....	.....	1	.....	3	.....	3	.....	5	.....	6	.....
.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	1	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
60	.....	60	.....	60	.....	70	.....	85	.....	90	.....	100	.....
471	.....	369	.....	358	.....	439	.....	495	.....	443	.....	433	.....
211	.....	192	.....	159	.....	208	.....	236	.....	224	.....	235	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
303	.....	304	.....	280	.....	264	.....	274	.....	260	.....	248	.....
71	.....	77	.....	79	.....	83	.....	85	.....	88	.....	93	.....
367	.....	409	.....	414	.....	402	.....	419	.....	411	.....	401	.....
100	.....	95	.....	87	.....	80	.....	96	.....	98	.....	99	.....
520	.....	524	.....	528	.....	532	.....	540	.....	544	.....	552	.....
102	.....	86	.....	77	.....	86	.....	94	.....	95	.....	97	.....
128	.....	128	.....	128	.....	128	.....	128	.....	128	.....	128	.....
70	.....	10	.....	110	.....	110	.....	110	.....	110	.....	110	.....
46	.....	46	.....	46	.....	46	.....	40	.....	.....	.....	.....	.....
70	.....	75	.....	90	.....	90	.....	100	.....	116	.....	110	.....
85	.....	88	.....	123	.....	109	.....	105	.....	106	.....	96	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
170	.....	170	.....	170	.....	180	.....	151	.....	164	.....	176	.....
150	.....	150	.....	150	.....	160	.....	160	.....	160	.....	160	.....
2	.....	2	.....	3	.....	3	.....	3	.....	3	.....	4	.....
114	.....	116	.....	220	.....	247	.....	274	.....	267	.....	301	.....
3,890	.....	3,691	.....	3,806	.....	4,126	.....	4,345	.....	4,352	.....	4,419	.....

TABLE VI13—COAL MINING—LAWRENCE COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10328	3	.....	3	.....	3	.....	3	.....	3	.....
†10329	65	.....	65	.....	60	.....	56	.....	50	.....
10330	6	.....	6	.....	6	.....	6	.....	6	.....
10333	8	.....	8	.....	8	.....	8	.....	8	.....
10334	10	.....	8	.....	8	.....	6	.....	5	.....
*10335	255	.....	265	.....	267	.....	241	.....	236	.....
*10336	71	.....	36	.....	36	.....	65	.....	50	.....
10340	32	.....	33	.....	29	.....	20	.....	12	.....
10332	1	.....	1	.....	1	.....	1	.....	.....	.....
Totals.....14	451	.....	425	.....	418	.....	406	.....	370	.....

†2 mines; *3 mines.

TABLE VI13—COAL MINING—LAWRENCE COUNTY. —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
45	.....	40	.....	35	.....	35	.....	30	.....	30	.....	28	.....
6	.....	6	.....	6	.....	6	.....	6	.....	6	.....	6	.....
8	.....	8	.....	8	.....	8	.....	8	.....	8	.....	8	.....
5	.....	.....	.....	.....	.....	2	.....	5	.....	8	.....	8	.....
227	.....	221	.....	232	.....	247	.....	253	.....	261	.....	273	.....
53	.....	53	.....	58	.....	75	.....	80	.....	79	.....	83	.....
12	.....	16	.....	17	.....	22	.....	32	.....	44	.....	44	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....
359	.....	347	.....	359	.....	399	.....	418	.....	440	.....	454	.....

TABLE VI14—COAL MINING—MAHONING COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10133	5	.....	5	.....	5	.....	5	.....	5	.....
10345	55	.....	55	.....	50	.....	50	.....	40	.....
10346	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10347	3	.....	3	.....	3	.....	2	.....	2	.....
10348	11	.....	11	.....	10	.....	9	.....	9	.....
10350	7	.....	7	.....	7	.....	7	.....	7	.....
10352	3	.....	3	.....	3	.....	3	.....	3	.....
10354	6	.....	6	.....	6	.....	4	.....	2	.....
10357	8	.....	8	.....	8	.....	8	.....	8	.....
10361	3	.....	3	.....	3	.....	2	.....	.....	.....
10692	308	.....	309	.....	309	.....	313	.....	311	.....
10349	7	.....	7	.....	5	.....	5	.....	3	.....
10356	4	.....	4	.....	4	.....	.....	.....	.....	.....
Totals.....13	420	.....	421	.....	413	.....	408	.....	390	.....

TABLE VI14—COAL MINING—MAHONING COUNTY. —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
5	.....	5	.....	5	.....	5	.....	5	.....	5	.....	5	.....
60	.....	50	.....	70	.....	70	.....	70	.....	80	.....	70	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	7	.....
2	.....	2	.....	2	.....	2	.....	3	.....	3	.....	3	.....
5	.....	8	.....	6	.....	17	.....	18	.....	12	.....	16	.....
7	.....	6	.....	6	.....	6	.....	7	.....	7	.....	7	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
2	.....	2	.....	2	.....	4	.....	6	.....	6	.....	6	.....
8	.....	8	.....	8	.....	8	.....	8	.....	8	.....	8	.....
.....	.....	1	.....	1	.....	3	.....	3	.....	3	.....	3	.....
313	.....	306	.....	300	.....	300	.....	306	.....	307	.....	310	.....
3	.....	3	.....	5	.....	5	.....	7	.....	7	.....	7	.....
.....	.....	.....	.....	.....	.....	4	.....	4	.....	4	.....	4	.....
408	.....	394	.....	408	.....	427	.....	440	.....	452	.....	449	.....

TABLE VI15—COAL MINING—MEDINA COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10365	16	.....	16	.....	16	.....	14	.....	14	.....
10366	17	.....	16	.....	9	.....	10	.....	15	.....
*10367	165	.....	165	.....	165	.....	150	.....	150	.....
10368	8	.....	8	.....	8	.....	8	.....	8	.....
10369	9	.....	9	.....	9	.....	9	.....	9	.....
10370	36	.....	41	.....	31	.....	40	.....	41	.....
Totals 8	251	.....	255	.....	238	.....	231	.....	237	.....

*3 mines.

TABLE VI15—COAL MINING—MEDINA COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10	.....	6	.....	8	.....	12	.....	18	.....	18	.....	18	.....
15	.....	15	.....	14	.....	14	.....	15	.....	15	.....	15	.....
150	.....	150	.....	150	.....	170	.....	170	.....	205	.....	205	.....
8	.....	8	.....	10	.....	10	.....	10	.....	12	.....	10	.....
9	.....	9	.....	9	.....	9	.....	9	.....	9	.....	9	.....
37	.....	28	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....
229	.....	216	.....	211	.....	215	.....	222	.....	259	.....	257	.....

TABLE VI16—COAL MINING—MEIGS COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10376	.....	.....	13	.....	15	.....	23	.....	4	.....
10377	137	.....	140	.....	34	.....	20	.....	15	.....
10379	8	.....	8	.....	8	.....	8	.....	8	.....
10380	5	.....	5	.....	5	.....	5	.....	5	.....
10381	45	.....	45	.....	45	.....	45	.....	.....	.....
10382	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10383	3	.....	3	.....	1	.....	.....	.....	.....	.....
10384	60	.....	75	.....	100	.....	100	.....	75	.....
10385	67	.....	67	.....	67	.....	.....	.....	.....	.....
10386	30	.....	30	.....	30	.....	30	.....	25	.....
10387	40	.....	28	.....	43	.....	.....	.....	.....	.....
10390	21	.....	20	.....	...	.....	.....	.....	.....	.....
10391	3	.....	3	.....	4	.....	5	.....	4	.....
10392	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10393	58	.....	17	.....	84	.....	113	.....	54	.....
10709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....16	477	.....	454	.....	436	.....	349	.....	190	.....

TABLE VI6—COAL MINING—MEIGS COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
.....	.....	.....	.....	.....	.....	6	.....	13	.....	8	.....	8	.....
15	.....	8	.....	11	.....	101	.....	125	.....	137	.....	142	.....
8	.....	8	.....	8	.....	8	.....	8	.....	8	.....	8	.....
5	.....	5	.....	5	.....	5	.....	5	.....	5	.....	5	.....
.....	.....	.....	.....	.....	.....	45	.....	45	.....	45	.....	45	.....
.....	.....	.....	.....	.....	.....	4	.....	4	.....	4	.....	4	.....
.....	.....	.....	.....	1	.....	2	.....	2	.....	3	.....	3	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	25	.....	25	.....	30	.....	30	.....	30	.....	30	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	60	.....
.....	.....	.....	.....	.....	.....	21	.....	21	.....	21	.....	21	.....
4	.....	4	.....	4	.....	6	.....	7	.....	7	.....	7	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83	.....	.....	.....
13	.....	42	.....	53	.....	63	.....	74	.....	53	.....	32	.....
.....	.....	.....	.....	.....	.....	.....	.....	36	.....	39	.....	38	.....
70	.....	92	.....	107	.....	291	.....	370	.....	483	.....	403	.....

TABLE VI17—COAL MINING—MORGAN COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10396	111	.....	116	.....	114	.....	114	.....	42	.....
10397	24	.....	17	.....	14	.....	.....	.....	.....	.....
Totals 2	135	.....	133	.....	128	.....	114	.....	42	.....

TABLE VI17—COAL MINING—MORGAN COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
47	.....	40	.....	29	.....	130	.....	138	.....	146	.....	152	.....
.....	.....	.....	.....	.....	.....	.....	.....	22	.....	23	.....	23	.....
47	.....	40	.....	29	.....	130	.....	160	.....	169	.....	175	.....

TABLE VI18—COAL MINING—MUSKINGUM COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10403	8	.....	7	.....	5	.....	4	.....	2	.....
10404	1	.....	1	.....	.....	.....	.....	.....	.....	.....
10406	1	.....	1	.....	1	.....	1	.....	1	.....
10407	4	.....	4	.....	2	.....	2	.....	2	.....
10408	1	.....	1	.....	1	.....	1	.....	1	.....
10410	5	.....	5	.....	6	.....	5	.....	5	.....
10411	38	.....	33	.....	35	.....	33	.....	4	.....
10412	2	.....	2	.....	2	.....	.....	.....	.....	.....
10415	3	.....	3	.....	3	.....	3	.....	3	.....
10419	1	.....	1	.....	1	.....	1	.....	1	.....
10421	1	.....	1	.....	1	.....	1	.....	1	.....
10422	2	.....	2	.....	2	.....	2	.....	2	.....
10423	2	.....	2	.....	1	.....	1	.....	1	.....
10426	8	.....	8	.....	8	.....	8	.....	8	.....
10427	17	.....	15	.....	15	.....	14	.....	13	.....
10428	6	.....	6	.....	6	.....	6	.....	6	.....
10430	8	.....	8	.....	8	.....	8	.....	8	.....
10431	1	.....	1	.....	1	.....	1	.....	1	.....
*10432	6	.....	6	.....	5	.....	4	.....	2	.....
10433	2	.....	2	.....	2	.....	2	.....	2	.....
10434	2	.....	2	.....	2	.....	2	.....	2	.....
10435	6	.....	6	.....	6	.....	2	.....	2	.....
10436-1	60	.....	60	.....	50	.....	35	.....	25	.....
10438	4	.....	4	.....	4	.....	4	.....	4	.....
10439	30	.....	30	.....	30	.....	30	.....	30	.....
10440	25	.....	25	.....	25	.....	.....	.....	.....	.....
*10444	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10445	35	.....	35	.....	35	.....	35	.....	35	.....
10447	25	.....	27	.....	27	.....	27	.....	19	.....
10450	19	.....	19	.....	19	.....	.....	.....	.....	.....
10452	60	.....	58	.....	55	.....	.....	.....	.....	.....
*10454	.....	.....	.....	.....	4	.....	14	.....	14	.....
10455	55	.....	55	.....	55	.....	55	.....	55	.....
10711	14	.....	15	.....	16	.....	.....	.....	.....	.....
10405	2	.....	2	.....	2	.....	2	.....	2	.....
10425	1	.....	1	.....	1	.....	1	.....	1	.....
Totals.....39	455	.....	448	.....	436	.....	304	.....	252	.....

*2 mines.

TABLE VI18—COAL MINING—MUSKINGUM COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
2	.....	2	.....	2	.....	2	.....	5	.....	6	.....	6	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	2	.....	2	.....	4	.....	4	.....	4	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
4	.....	4	.....	4	.....	7	.....	24	.....	22	.....	27	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
1	.....	.....	.....	1	.....	1	.....	2	.....	2	.....	2	.....
8	.....	8	.....	8	.....	8	.....	8	.....	8	.....	8	.....
.....	.....	.....	.....	12	.....	12	.....	16	.....	15	.....	18	.....
6	.....	6	.....	6	.....	6	.....	6	.....	6	.....	6	.....
8	.....	8	.....	8	.....	8	.....	8	.....	8	.....	8	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
2	.....	2	.....	2	.....	4	.....	4	.....	5	.....	6	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
2	.....	5	.....	5	.....	5	.....	6	.....	6	.....	6	.....
25	.....	20	.....	30	.....	40	.....	50	.....	50	.....	60	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
30	.....	30	.....	30	.....	30	.....	30	.....	30	.....	30	.....
.....	.....	.....	.....	.....	.....	25	.....	25	.....	25	.....	25	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	34	.....	36	.....	33	.....	34	.....	36	.....
19	.....	21	.....	21	.....	22	.....	22	.....	22	.....	22	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	40	.....	42	.....	45	.....	43	.....	50	.....	58	.....
14	.....	14	.....	12	.....	10	.....	13	.....	13	.....	16	.....
55	.....	55	.....	55	.....	55	.....	55	.....	55	.....	55	.....
.....	.....	.....	.....	.....	.....	.....	.....	12	.....	16	.....	18	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
197	.....	240	.....	299	.....	345	.....	392	.....	404	.....	439	.....

TABLE VI19—COAL MINING—NOBLE COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10464	1	.....	1	.....	1	.....	1	.....	1	.....
10465	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10466	1	.....	1	.....	.....	.....	.....	.....	1	.....
10467	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10468	2	.....	2	.....	2	.....	.....	.....	.....	.....
10469	2	.....	.....	.....	.....	.....	2	.....	...	.....
10470	3	.....	3	.....	3	.....	3	.....	3	.....
10471	2	.....	2	.....	2	.....	2	.....	2	.....
10472	2	.....	2	.....	2	.....	2	.....	2	.....
10473	2	.....	2	.....	2	.....	2	.....	2	.....
10474	2	.....	2	.....	2	.....	.....	.....	.....	.....
10475	.....	.....	.....	.....	.....	.....	1	.....	1	.....
10476	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
10477	12	.....	12	.....	12	.....	12	.....	12	.....
Totals.....14	31	.....	27	.....	26	.....	25	.....	24	.....

TABLE VI19—COAL MINING—NOBLE COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
1	.....	2	.....	3	.....	3	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
.....	.....	2	.....	2	.....	2	.....	2	.....	.....	.....	.....	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	3	.....	4	.....	4	.....	3	.....	3	.....
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	1	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
12	.....	12	.....	12	.....	12	.....	12	.....	12	.....	12	.....
23	.....	26	.....	30	.....	37	.....	36	.....	34	.....	34	.....

TABLE VI20—COAL MINING—PERRY COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10485	25	.....	25	.....	25	.....	25	.....	25	.....
10486	132	.....	137	.....	138	.....	.....	.....	.....	.....
10487	5	.....	5	.....	5	.....	5	.....	5	.....
10488	7	.....	7	.....	7	.....	7	.....	7	.....
10493	22	.....	22	.....	17	.....	20	.....	17	.....
10494	166	.....	158	.....	165	.....	.....	.....	.....	.....
10495-1	225	.....	223	.....	227	.....	229	.....	221	.....
10495-2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10495-3	110	.....	99	.....	118	.....	112	.....	122	.....
10495-4	100	.....	98	.....	102	.....	101	.....	99	.....
10496	151	.....	146	.....	147	.....	147	.....	149	.....
10497-2	75	.....	75	.....	70	.....	65	.....	50	.....
10498-1	103	.....	102	.....	103	.....	103	.....	103	.....
10498-2	280	.....	279	.....	281	.....	278	.....	282	.....
10498-3	115	.....	116	.....	115	.....	114	.....	113	.....
10499	28	.....	15	.....	17	.....	.....	.....	22	.....
10500	80	.....	75	.....	70	.....	60	.....	50	.....
10501	36	.....	36	.....	36	.....	36	.....	36	.....
10502	23	.....	23	.....	23	.....	23	.....	22	.....
10503	6	.....	6	.....	6	.....	6	.....	6	.....
10504	65	.....	65	.....	60	.....	50	.....	40	.....
10505	31	.....	28	.....	29	.....	25	.....	27	.....
10506	75	.....	75	.....	75	.....	.....	.....	.....	.....
*10507	391	.....	391	.....	391	.....	391	.....	391	.....
10508	76	.....	87	.....	93	.....	99	.....	100	.....
10509	99	.....	95	.....	85	.....	.....	.....	.....	.....
†10510	850	.....	850	.....	550	.....	550	.....	550	.....
*10511	27	.....	25	.....	23	.....	18	.....	16	.....
10512	100	.....	99	.....	101	.....	106	.....	103	.....
‡10513	332	.....	287	.....	284	.....	.....	.....	.....	.....
10514	11	.....	11	.....	11	.....	11	.....	11	.....
10515	1	.....	1	.....	1	.....	1	.....	.....	.....
10516	1	.....	1	.....	1	.....	1	.....	1	.....
10517	1	.....	1	.....	1	.....	1	.....	1	.....
10518	2	.....	2	.....	2	.....	2	.....	2	.....
10520	58	.....	58	.....	58	.....	58	.....	56	.....
10521	7	.....	7	.....	.....	.....	.....	.....	.....	.....
10522	32	.....	33	.....	31	.....	36	.....	36	.....
*10524	82	.....	80	.....	80	.....	.....	.....	.....	.....
10526	55	.....	59	.....	56	.....	54	.....	50	.....
10536	47	.....	49	.....	50	.....	43	.....	42	.....
10530	77	.....	88	.....	90	.....	101	.....	109	.....
10525	54	.....	48	.....	51	.....	.....	.....	.....	.....
10489	248	.....	248	.....	248	.....	248	.....	248	.....
Totals.....52	4,401	.....	4,335	.....	4,043	.....	3,126	.....	3,112	.....

*2 mines; †3 mines; ‡4 mines.

TABLE VI20—COAL MINING—PERRY COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
25	.....	25	.....	25	.....	25	.....	25	.....	25	.....	25	.....
.....	.....	.....	.....	.....	.....	135	.....	141	.....	133	.....	134	.....
5	.....	5	.....	5	.....	5	.....	5	.....	5	.....	5	.....
7	.....	7	.....	7	.....	7	.....	7	.....	7	.....	7	.....
22	.....	30	.....	32	.....	32	.....	27	.....	34	.....	35	.....
.....	.....	.....	.....	.....	.....	165	.....	172	.....	155	.....	165	.....
220	.....	230	.....	227	.....	223	.....	224	.....	226	.....	225	.....
180	.....	180	.....	180	.....	180	.....	180	.....	180	.....	180	.....
98	.....	121	.....	97	.....	160	.....	133	.....	150	.....	110	.....
103	.....	97	.....	92	.....	108	.....	99	.....	101	.....	100	.....
143	.....	137	.....	149	.....	144	.....	145	.....	128	.....	127	.....
50	.....	50	.....	65	.....	75	.....	80	.....	85	.....	90	.....
100	.....	105	.....	104	.....	105	.....	100	.....	100	.....	103	.....
280	.....	280	.....	280	.....	280	.....	280	.....	280	.....	280	.....
112	.....	113	.....	117	.....	116	.....	117	.....	117	.....	115	.....
25	.....	24	.....	28	.....	21	.....	21	.....	21	.....	18	.....
50	.....	50	.....	65	.....	75	.....	80	.....	85	.....	90	.....
36	.....	36	.....	36	.....	36	.....	36	.....	36	.....	36	.....
21	.....	21	.....	23	.....	23	.....	23	.....	24	.....	24	.....
6	.....	6	.....	6	.....	6	.....	6	.....	6	.....	6	.....
40	.....	40	.....	50	.....	60	.....	65	.....	65	.....	65	.....
27	.....	27	.....	27	.....	27	.....	27	.....	27	.....	29	.....
.....	.....	.....	.....	.....	.....	75	.....	75	.....	75	.....	75	.....
391	.....	391	.....	391	.....	391	.....	391	.....	391	.....	391	.....
101	.....	100	.....	102	.....	108	.....	109	.....	106	.....	107	.....
.....	.....	.....	.....	.....	.....	73	.....	79	.....	84	.....	95	.....
840	.....	840	.....	840	.....	840	.....	550	.....	550	.....	550	.....
19	.....	23	.....	23	.....	47	.....	52	.....	54	.....	61	.....
99	.....	97	.....	100	.....	97	.....	99	.....	96	.....	99	.....
.....	.....	.....	.....	.....	.....	116	.....	195	.....	222	.....	244	.....
11	.....	12	.....	12	.....	12	.....	12	.....	12	.....	12	.....
1	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	1	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
1	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	1	.....
2	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
56	.....	54	.....	52	.....	52	.....	55	.....	57	.....	59	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	7	.....
37	.....	38	.....	39	.....	36	.....	42	.....	37	.....	24	.....
.....	.....	.....	.....	.....	.....	40	.....	66	.....	80	.....	90	.....
52	.....	53	.....	56	.....	56	.....	59	.....	58	.....	57	.....
45	.....	49	.....	46	.....	48	.....	50	.....	49	.....	47	.....
107	.....	107	.....	102	.....	109	.....	109	.....	105	.....	103	.....
.....	.....	.....	.....	.....	.....	51	.....	47	.....	52	.....	54	.....
248	.....	248	.....	294	.....	294	.....	294	.....	294	.....	294	.....
3,561	.....	3,597	.....	3,675	.....	4,458	.....	4,272	.....	4,324	.....	4,343	.....

TABLE VI21—COAL MINING—PORTAGE COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
*10533	204	.....	197	.....	180	.....	175	.....	163	.....
10534	67	.....	67	.....	67	.....	68	.....	68	.....
Totals 3	271	.....	264	.....	247	.....	243	.....	231	.....

*2 mines.

TABLE VI21—COAL MINING—PORTAGE COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
150	.....	158	.....	165	.....	169	.....	176	.....	209	.....	215	.....
70	.....	70	.....	72	.....	72	.....	72	.....	72	.....	71	.....
220	.....	228	.....	237	.....	241	.....	248	.....	281	.....	286	.....

TABLE VI22—COAL MINING—SCIOTO COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10539	2	.....	2	.....	2	.....	2	.....	2	.....
10540	33	.....	29	.....	27	.....	.....	.....	.....	.....
Totals..... 2	35	.....	31	.....	29	.....	2	.....	2	.....

TABLE VI22—COAL MINING—SCIOTO COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
2	.....	2	.....	2	.....	2	.....	2	.....	2	.....	2	.....
4	.....	9	.....	28	.....	28	.....	33	.....	33	.....	36	.....
6	.....	11	.....	30	.....	30	.....	35	.....	35	.....	38	.....

TABLE VI23—COAL MINING—STARK COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10545	9	.....	10	.....	5	.....	5	.....	3	.....
10546	1	.....	1	.....	1	.....	1	.....	1	.....
10547	3	.....	3	.....	2	.....	2	.....	2	.....
10548	1	.....	2	.....	2	.....	2	.....	.....	.....
10549	2	.....	2	.....	.....	.....	.....	.....	.....	.....
10550	2	.....	2	.....	2	.....	.....	.....	.....	.....
*10552	1,250	.....	1,250	.....	1 250	.....	1,000	.....	1,000	.....
10553	50	.....	41	.....	35	.....	22	.....	.....	.....
10554	62	.....	62	.....	61	.....	60	.....	43	.....
10557	2	.....	2	.....	2	.....	.....	.....	.....	.....
10559	4	.....	4	.....	4	.....	4	.....	4	.....
10560	4	.....	4	.....	4	.....	3	.....	2	.....
10561-1	76	.....	72	.....	12	.....	35	.....	21	.....
10561-2	68	.....	75	.....	65	.....	56	.....	49	.....
10561-3	64	.....	56	.....	53	.....	34	.....	44	.....
10561-4	76	.....	69	.....	57	.....	53	.....	39	.....
10561-5	75	.....	83	.....	76	.....	69	.....	53	.....
10563	12	.....	12	.....	12	.....	6	.....	6	.....
10564	7	.....	7	.....	7	.....	.....	.....	.....	.....
10565	7	.....	7	.....	7	.....	7	.....	5	.....
10568	48	.....	52	.....	46	.....	12	.....	15	.....
10569	148	.....	160	.....	150	.....	140	.....	53	.....
10570	4	.....	4	.....	4	.....	4	.....	4	.....
†10571	16	.....	16	.....	12	.....	8	.....	8	.....
10572	5	.....	4	.....	2	.....	1	.....	1	.....
10573	5	.....	5	.....	4	.....	2	.....	2	.....
10574	12	.....	12	.....	12	.....	6	.....	6	.....
10575	1	.....	1	.....	1	.....	1	.....	1	.....
10576	8	.....	8	.....	8	.....	.....	.....	.....	.....
10580	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
10581-1	60	.....	60	.....	60	.....	60	.....	60	.....
10581-2	60	.....	60	.....	60	.....	60	.....	60	.....
10582	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
10584	70	.....	72	.....	69	.....	.....	.....	.....	.....
10585	4	.....	4	.....	3	.....	2	.....	2	.....
10589	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....46	2,229	.....	2,222	.....	2,088	.....	1,655	.....	1,484	.....

†2 mines; *10 mines.

TABLE VI23—COAL MINING—STARK COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
4	.....	4	.....	5	.....	5	.....	7	.....	8	.....	8	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	2	.....	3	.....	3	.....	3	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	1	.....	2	.....	2	.....	2	.....	2	.....
1,000	.....	1,000	.....	1,200	.....	1,250	.....	1,250	.....	1,250	.....	1,250	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	38	.....	40	.....	47	.....	60	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	2	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
.....	.....	.....	.....	1	.....	1	.....	2	.....	2	.....	4	.....
27	.....	23	.....	24	.....	42	.....	69	.....	73	.....	74	.....
31	.....	33	.....	68	.....	83	.....	76	.....	72	.....	77	.....
33	.....	43	.....	77	.....	67	.....	82	.....	69	.....	81	.....
49	.....	55	.....	78	.....	75	.....	73	.....	69	.....	71	.....
42	.....	37	.....	56	.....	89	.....	85	.....	77	.....	81	.....
6	.....	6	.....	16	.....	12	.....	12	.....	12	.....	12	.....
.....	.....	.....	.....	.....	.....	7	.....	7	.....	7	.....	7	.....
4	.....	5	.....	7	.....	9	.....	9	.....	9	.....	5	.....
24	.....	36	.....	40	.....	32	.....	43	.....	56	.....	61	.....
61	.....	65	.....	125	.....	126	.....	132	.....	130	.....	130	.....
4	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
8	.....	8	.....	12	.....	12	.....	16	.....	16	.....	16	.....
2	.....	3	.....	3	.....	3	.....	3	.....	4	.....	4	.....
1	.....	1	.....	1	.....	3	.....	5	.....	6	.....	6	.....
6	.....	5	.....	5	.....	9	.....	14	.....	15	.....	15	.....
1	.....	1	.....	1	.....	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	8	.....	8	.....
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	6	.....	6	.....
60	.....	60	.....	60	.....	60	.....	60	.....	60	.....	60	.....
60	.....	60	.....	60	.....	60	.....	60	.....	60	.....	60	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	6	.....
.....	.....	.....	.....	.....	.....	.....	.....	73	.....	73	.....	73	.....
.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	13	.....	13	.....
1,455	.....	1,454	.....	1,851	.....	2,003	.....	2,156	.....	2,165	.....	2,220	.....

TABLE VI 24—COAL MINING—SUMMIT COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10088	120	.....	117	.....	108	.....	96	.....	91	.....
10590	9	.....	9	.....	9	.....	4	.....	.....	.....
10592	25	.....	23	.....	20	.....	18	.....	12	.....
10594	3	.....	3	.....	3	.....	3	.....	...	.....
10597	93	.....	97	.....	84	.....	71	.....	52	.....
10598	.....	.....	.....	.....	.....	.....	28	.....	50	.....
10700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10591	7	.....	7	.....	7	.....	4	.....	2	.....
Totals..... 8	257	.....	256	.....	231	.....	224	.....	207	.....

TABLE VI24—COAL MINING—SUMMIT COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
85	.....	94	.....	90	.....	103	.....	110	.....	100	.....	107	.....
.....	.....	.....	.....	.....	.....	4	.....	4	.....	6	.....	9	.....
8	.....	7	.....	10	.....	14	.....	15	.....	21	.....	23	.....
.....	.....	.....	.....	.....	.....	3	.....	3	.....	3	.....	3	.....
46	.....	31	.....	57	.....	79	.....	87	.....	83	.....	90	.....
54	.....	56	.....	56	.....	79	.....	99	.....	99	.....	101	.....
.....	.....	54	.....	64	.....	74	.....	116	.....	126	.....	126	.....
2	.....	2	.....	2	.....	3	.....	4	.....	5	.....	.....	.....
195	.....	244	.....	279	.....	359	.....	438	.....	443	.....	459	.....

TABLE VI25—COAL MINING—TRUMBULL COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10602	20	.....	20	.....	20	.....	20	.....	.....	.....
10603	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10604	3	.....	3	.....	3	.....	2	.....	1	.....
Totals 3	23	.....	23	.....	23	.....	22	.....	1	.....

TABLE VI25—COAL MINING—TRUMBULL COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
.....	.....	.....	.....	20	.....	25	.....	25	.....	20	.....	20	.....
.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3	.....	3	.....
1	.....	1	.....	2	.....	3	.....	4	.....	4	.....	4	.....
1	.....	1	.....	22	.....	28	.....	32	.....	27	.....	27	.....

TABLE VI26—COAL MINING—TUSCARAWAS COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10089	80	.....	80	.....	80	.....	80	.....	80	.....
10609	6	.....	5	.....	5	.....	4	.....	4	.....
10610	4	.....	4	.....	2	.....	2	.....	1	.....
10611	5	.....	5	.....	5	.....	3	.....	3	.....
10612	3	.....	3	.....	3	.....	3	.....	3	.....
10613	18	.....	13	.....	14	.....	14	.....	16	.....
*10614	189	.....	193	.....	152	.....	113	.....	101	.....
10616	.....	.....	.....	.....	.....	.....	.....	.....	6	.....
10617	7	.....	7	.....	7	.....	.....	.....	.....	.....
†10618	335	.....	335	.....	335	.....	335	.....	335	.....
10619	131	.....	131	.....	131	.....	131	.....	131	.....
10621	2	.....	2	.....	2	.....	1	.....	.....	.....
10622	2	.....	2	.....	2	.....	.....	.....	.....	.....
10623	7	.....	8	.....	8	.....	7	.....	4	.....
10624	37	.....	40	.....	38	.....	40	.....	38	.....
10626	1	.....	1	.....	1	.....	.....	.....	.....	.....
10628	115	.....	120	.....	121	.....	135	.....	138	.....
†10629	225	.....	227	.....	228	.....	236	.....	244	.....
†10630	54	.....	50	.....	50	.....	48	.....	58	.....
10631	60	.....	61	.....	57	.....	58	.....	58	.....
10632	85	.....	85	.....	85	.....	85	.....	85	.....
†10633	97	.....	98	.....	107	.....	79	.....	90	.....
10634	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10635	160	.....	162	.....	162	.....	158	.....	159	.....
10636	20	.....	20	.....	20	.....	15	.....	15	.....
10637	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10638	36	.....	33	.....	37	.....	32	.....	33	.....
10639	35	.....	35	.....	35	.....	35	.....	35	.....
*10641	150	.....	154	.....	151	.....	148	.....	144	.....
10642	60	.....	65	.....	67	.....	.....	.....	.....	.....
10643	9	.....	8	.....	8	.....	8	.....	6	.....
10646	53	.....	60	.....	65	.....	55	.....	70	.....
10647	30	.....	32	.....	34	.....	34	.....	36	.....
10649	.....	.....	20	.....	26	.....	38	.....	47	.....
10649½	52	.....	50	.....	48	.....	38	.....	30	.....
10627	19	.....	23	.....	21	.....	12	.....	14	.....
10640	26	.....	26	.....	26	.....	26	.....	26	.....
Totals.....45	2,113	.....	2,158	.....	2,133	.....	1,973	.....	2,010	.....

*3 mines; †2 mines.

TABLE VI26—COAL MINING—TUSCARAWAS COUNTY. —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
80	.....	80	.....	80	.....	80	.....	80	.....	80	.....	80	.....
4	.....	5	.....	5	.....	5	.....	5	.....	6	.....	6	.....
1	.....	1	.....	1	.....	1	.....	2	.....	2	.....	3	.....
3	.....	3	.....	3	.....	3	.....	5	.....	5	.....	5	.....
3	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
16	.....	17	.....	19	.....	16	.....	12	.....	15	.....	15	.....
103	.....	101	.....	95	.....	88	.....	94	.....	73	.....	79	.....
7	.....	7	.....	8	.....	7	.....	7	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	7	.....	7	.....	7	.....	7	.....
335	.....	335	.....	335	.....	335	.....	335	.....	335	.....	335	.....
131	.....	131	.....	131	.....	131	.....	131	.....	131	.....	131	.....
.....	.....	.....	.....	.....	.....	1	.....	1	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	7	.....	10	.....
38	.....	45	.....	44	.....	45	.....	40	.....	38	.....	36	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
138	.....	140	.....	140	.....	140	.....	140	.....	140	.....	140	.....
246	.....	251	.....	255	.....	282	.....	274	.....	287	.....	287	.....
56	.....	40	.....	44	.....	44	.....	49	.....	49	.....	54	.....
57	.....	51	.....	54	.....	59	.....	61	.....	62	.....	60	.....
85	.....	85	.....	85	.....	85	.....	85	.....	85	.....	85	.....
67	.....	71	.....	66	.....	61	.....	56	.....	73	.....	64	.....
.....	.....	4	.....	4	.....	4	.....	4	.....	4	.....	4	.....
155	.....	163	.....	165	.....	169	.....	173	.....	174	.....	170	.....
12	.....	12	.....	15	.....	15	.....	20	.....	20	.....	20	.....
.....	.....	.....	.....	.....	.....	12	.....	13	.....	.....	.....	.....	.....
31	.....	29	.....	31	.....	36	.....	29	.....	30	.....	33	.....
35	.....	35	.....	35	.....	35	.....	35	.....	35	.....	35	.....
136	.....	140	.....	146	.....	160	.....	190	.....	192	.....	208	.....
.....	.....	45	.....	.....	.....	.....	.....	26	.....	33	.....	34	.....
6	.....	7	.....	7	.....	6	.....	4	.....	6	.....	8	.....
72	.....	72	.....	74	.....	80	.....	71	.....	76	.....	81	.....
30	.....	40	.....	48	.....	56	.....	66	.....	86	.....	86	.....
51	.....	72	.....	92	.....	89	.....	90	.....	92	.....	94	.....
27	.....	20	.....	26	.....	40	.....	36	.....	36	.....	50	.....
11	.....	32	.....	24	.....	23	.....	20	.....	15	.....	17	.....
26	.....	26	.....	26	.....	26	.....	26	.....	26	.....	26	.....
1,962	.....	2,063	.....	2,061	.....	2,144	.....	2,196	.....	2,227	.....	2,270	.....

TABLE VI27—COAL MINING—VINTON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
*10656	36	.....	28	.....	30	.....	.....	.....	.....	.....
10657	140	.....	130	.....	121	.....	96	.....	91	.....
10658	35	.....	35	.....	35	.....	35	.....	.....	.....
10659	11	.....	11	.....	11	.....	11	.....	11	.....
10660	25	.....	25	.....	25	.....	27	.....	27	.....
10661	70	.....	74	.....	74	.....	70	.....	65	.....
10662	30	.....	32	.....	33	.....	33	.....	31	.....
10663	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10664	45	.....	45	.....	45	.....	40	.....	45	.....
Totals.....10	392	.....	380	.....	374	.....	312	.....	270	.....

*2 mines.

TABLE VI27—COAL MINING—VINTON COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98	.....	106	.....	126	.....	131	.....	141	.....	132	.....	140	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	11	.....	11	.....	11	.....	11	.....	11	.....	11	.....
27	.....	26	.....	28	.....	34	.....	34	.....	38	.....	38	.....
60	.....	63	.....	70	.....	80	.....	84	.....	85	.....	95	.....
30	.....	35	.....	36	.....	36	.....	37	.....	38	.....	40	.....
.....	.....	.....	.....	.....	.....	5	.....	5	.....	5	.....	5	.....
55	.....	60	.....	55	.....	55	.....	45	.....	55	.....	50	.....
281	.....	301	.....	326	.....	352	.....	357	.....	364	.....	379	.....

TABLE VI28—COAL MINING—WASHINGTON COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10670	10	.....	10	.....	10	.....	10	.....	9	.....
Totals 1	10	.....	10	.....	10	.....	10	.....	9	.....

TABLE VI28—COAL MINING—WASHINGTON COUNTY —Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
9	.....	9	.....	9	.....	10	.....	10	.....	10	.....	10	.....
9	.....	9	.....	9	.....	10	.....	10	.....	10	.....	10	.....

TABLE VI29—COAL MINING—WAYNE COUNTY.

Schedule Number.	January.		February.		March.		April.		May.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
10675	82	.....	82	.....	82	.....	82	.....	82	.....
*10676	100	.....	100	.....	100	.....	100	.....	.....	.....
10677	45	.....	45	.....	4	.....	.....	.....	.....	.....
10680	3	.....	4	.....	3	.....	3	.....	.....	.....
10681	5	.....	5	.....	5	.....	4	.....	4	.....
10681										
Totals..... 6	235	.....	236	.....	194	.....	189	.....	86	.....

*2 mines.

TABLE VI29—COAL MINING—WAYNE COUNTY—Concluded.

June.		July.		August.		September.		October.		November.		December.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
82	.....	82	.....	82	.....	82	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	110	.....	150	.....	170	.....
.....	.....	.....	.....	45	.....	45	.....	45	.....	45	.....	45	.....
.....	.....	.....	.....	2	.....	2	.....	2	.....	2	.....	....	.....
4	.....	4	.....	5	.....	5	.....	5	.....	5	.....	5	.....
86	.....	86	.....	134	.....	134	.....	162	.....	202	.....	220	.....

TABLE VII--COAL MINING.

Giving Totals and Averages for State, Occupations, Total Number Employed, Average Number Days Worked, Average Daily Wages, Average Yearly Earnings and Average Hours of Daily Labor for the Year 1904.

Occupation	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Pick miners	12,724	175	$2 54	$444 50	8
Machine cutters	2,175	173	3 52	608 96	8
Loaders	15,194	174	2 51	436 74	8
Track layers	705	176	2 36	415 36	7.9
Drivers	2,956	163	2 31	376 53	7.9
Timbermen	321	178	2 32	412 96	8
Pumpers	253	173	2 19	378 87	8
Cagers	248	172	2 30	395 60	8
Trappers	1,076	175	1 08	189 00	8
Other inside labor	1,321	180	2 22	399 60	8
Engineers	523	169	2 45	414 05	8.2
Firemen	279	176	2 10	369 60	8.3
Weighmen	344	168	2 15	361 20	8.1
Dumpers	430	168	2 01	337 68	8
Trimmers	833	171	2 09	357 39	8
Carpenters	150	171	2 42	413 82	8
Blacksmiths	449	171	2 57	439 47	8
Greasers	194	174	1 40	243 60	8
Hostlers	179	172	1 85	318 20	8.3
Other outside labor	823	174	1 96	341 04	8.1
Totals and averages	41,177	173	$2 46	$425 58	8

TABLE VIII—COAL MINING.

Giving Totals and Averages by Counties, Occupations, Total Number Employed, Average Number Days Worked, Average Daily Wages, Average Yearly Earnings and Average Hours of Daily Labor for the Year 1904.

Occupation	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
ATHENS COUNTY.					
Pick miners	142	204	$2 47	$503 88	8
Machine cutters	373	157	4 13	648 41	8
Loaders	3,719	160	2 35	368 40	8
Track layers	67	167	2 44	407 48	8
Drivers	368	164	2 42	396 88	8
Timbermen	29	163	2 41	392 83	8
Pumpers	38	154	2 22	341 88	8
Cagers	69	145	2 31	334 95	8
Trappers	197	163	1 06	172 78	8
Other inside labor	98	149	2 22	330 78	8
Engineers	70	158	2 64	417 12	8.2
Firemen	45	156	2 24	349 44	8.1
Weighmen	32	152	2 10	319 20	8
Dumpers	54	161	2 24	360 64	8
Trimmers	147	159	2 37	376 83	8
Carpenters	29	150	2 52	376 00	8
Blacksmiths	53	155	2 81	435 55	8
Greasers	27	168	1 44	241 92	8
Hostlers	28	152	1 89	287 28	8.2
Other outside labor	69	174	2 08	361 92	8
BELMONT COUNTY.					
Pick miners	1,762	202	2 53	511 06	7.9
Machine cutters	279	195	2 96	577 20	7.9
Loaders	1,527	194	2 30	446 20	7.9
Track layers	71	189	2 32	438 48	7.7
Drivers	324	202	2 39	482 78	7.9
Timbermen	62	191	2 26	431 66	7.8
Pumpers	5	167	2 05	342 35	7.4
Cagers	7	146	2 42	353 32	8
Trappers	89	196	1 06	208 82	7.9
Other inside labor	218	205	2 20	451 00	7.9
Engineers	49	186	2 66	494 76	8.5
Firemen	18	188	2 14	402 32	8.5
Weighmen	34	202	2 12	428 24	7.9
Dumpers	46	177	1 91	338 07	7.8
Trimmers	78	198	1 87	370 26	7.9
Carpenters	20	187	2 51	469 37	7.8
Blacksmiths	51	190	2 61	495 90	7.9
Greasers	19	193	1 30	250 90	7.8
Hostlers	18	207	1 77	366 39	8.7
Other outside labor	107	206	1 90	391 40	7.9
CARROLL COUNTY.					
Pick miners	20	167	2 66	444 22	8
Machine cutters	62	171	3 03	518 13	8
Loaders	300	170	2 65	450 50	8
Track layers	8	177	2 42	428 34	8
Drivers	44	174	2 41	419 34	8
Timbermen	5	169	2 42	408 98	8
Pumpers	5	169	2 12	358 28	8
Cagers	6	170	2 42	411 40	8
Trappers	16	170	2 42	411 40	8
Other inside labor	6	176	2 42	425 92	8
Engineers	9	173	2 38	411 74	8.2
Firemen	3	170	2 23	379 10	8
Weighmen	4	169	2 29	387 01	8
Dumpers	6	169	1 86	314 34	8
Trimmers	11	166	1 90	315 40	8
Carpenter	1	170	2 75	467 50	8
Blacksmiths	8	173	2 61	451 53	8

TABLE VIII—COAL MINING—Continued.

CARROLL COUNTY—Concluded.

Occupation	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Greasers	3	180	$1 43	$257 40	8
Hostlers	2	170	1 77	300 90	8
Other outside labor	2	170	1 89	321 30	8
COLUMBIANA COUNTY.					
Pick miners	627	193	2 36	455 48	8
Machine cutters	33	216	3 03	654 48	8
Loaders	255	204	2 40	489 60	8
Track layers	45	206	2 30	473 80	8
Drivers	85	195	2 40	468 00	8
Timbermen	4	179	2 42	433 18	8
Pumpers	14	202	2 04	412 08	8
Cagers	8	206	2 42	498 52	8
Trappers	10	204	1 07	218 28	8
Other inside labor	11	185	2 42	447 70	8
Engineers	23	187	2 27	424 49	8.3
Firemen	11	192	2 03	389 76	8.5
Weighmen	15	201	2 11	424 11	8
Dumpers	20	207	1 85	381 55	8
Trimmers	16	165	1 90	313 50	8
Carpenters	2	207	2 29	474 03	8
Blacksmiths	19	197	2 44	480 68	8
Greasers	9	173	1 50	259 50	8
Hostlers	5	185	1 93	357 05	9.2
Other outside labor	12	206	1 78	368 68	8
COSHOCTON COUNTY.					
Pick miners	381	175	2 43	425 25	8
Machine cutters	30	136	3 00	408 00	8
Loaders	174	136	2 36	320 96	8
Track layers	23	156	2 42	377 52	8
Drivers	77	155	2 40	372 00	8
Timbermen	13	121	2 32	280 72	8
Pumpers	10	146	2 32	338 72	8
Trappers	10	121	1 46	176 66	8
Other inside labor	26	155	2 37	367 35	8
Engineers	8	148	2 66	393 68	8
Firemen	2	135	2 20	297 00	8
Weighmen	8	166	2 41	400 06	8
Dumpers	19	150	1 79	268 50	8
Trimmers	12	154	2 13	328 02	8
Carpenters	3	161	2 50	402 50	8
Blacksmiths	10	157	2 46	386 22	8
Greasers	7	153	1 38	211 14	8
Hostlers	6	140	1 68	235 20	8
Other outside labor	18	150	2 15	322 50	8
GALLIA COUNTY.					
Pick miners	52	180	1 62	291 60	8
Track layer	1	180	1 50	270 00	8
Drivers	8	180	1 67	300 60	8
Pumper	1	180	1 25	225 00	8
Weighmen	2	180	1 37	246 60	8
Dumpers	2	180	1 25	225 00	8
Trimmer	1	180	1 50	270 00	8
Blacksmith	1	180	1 75	315 00	8
Hostler	1	180	1 25	225 00	8
Other outside labor	2	180	1 25	225 00	8
GUERNSEY COUNTY.					
Pick miners	222	158	2 64	417 12	8
Machine cutters	332	176	3 42	601 92	8
Loaders	1,450	181	2 67	483 27	8

TABLE VIII—COAL MINING—Continued.

GUERNSEY COUNTY—Concluded

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Track layers	65	193	$2 42	$467 06	8
Drivers	272	196	2 42	474 32	8
Timbermen	33	192	2 42	476 74	8
Pumpers	32	198	2 24	443 52	8
Cagers	39	201	2 40	482 40	8
Trappers	107	197	1 06	208 82	8
Other inside labor	163	195	2 26	440 70	8
Engineers	43	192	2 52	483 84	8.5
Firemen	43	200	2 23	446 00	8.4
Weighmen	20	171	2 38	406 98	8
Dumpers	26	179	2 21	395 59	8
Trimmers	47	187	2 23	417 01	8
Carpenters	15	185	2 52	466 20	8
Blacksmiths	31	183	2 69	492 27	8
Greasers	11	204	1 42	289 68	8
Hostlers	19	192	2 05	393 60	8.2
Other outside labor	35	183	2 21	404 43	8
HARRISON COUNTY.					
Pick miners	406	135	2 84	383 40	7.5
Machine cutters	5	178	2 75	489 50	8
Loaders	41	178	2 46	437 88	8
Track layers	9	152	2 42	367 84	8
Drivers	36	146	2 50	365 00	8
Timbermen	5	146	2 46	353 16	8
Pumpers	4	146	1 89	275 94	8
Cagers	1	89	1 68	149 52	8
Trappers	8	138	1 08	149 04	8
Other inside labor	13	145	2 42	350 90	8.2
Engineers	6	156	2 29	357 24	10
Firemen	4	160	2 01	321 60	11
Weighmen	4	142	2 15	305 30	8
Dumpers	7	169	1 86	314 34	8
Trimmers	10	146	1 79	261 34	8
Carpenters	1	144	2 36	339 84	8
Blacksmiths	4	156	2 48	386 88	8
Greasers	1	176	1 90	334 40	8
Hostlers	3	155	1 97	305 35	11.3
Other outside labor	23	155	1 63	252 65	8
HOCKING COUNTY.					
Pick miners	190	211	3 15	664 65	8
Machine cutters	175	204	4 40	897 60	8
Loaders	1,785	202	2 60	525 20	8
Track layers	40	202	2 47	498 94	8
Drivers	166	203	2 42	491 26	8
Timbermen	22	198	2 41	477 18	8
Pumpers	12	196	2 36	462 56	8
Trappers	101	207	1 06	219 42	8
Other inside labor	132	196	2 37	464 52	8
Engineers	27	198	2 42	479 16	8
Firemen	21	195	2 23	434 85	8
Weighmen	13	196	1 95	382 20	8
Dumpers	20	198	2 30	455 40	8
Trimmers	86	202	2 23	450 46	8
Carpenters	15	198	2 43	481 14	8
Blacksmiths	19	199	2 91	579 09	8
Greasers	13	194	1 37	265 78	8
Hostlers	12	195	2 00	390 00	8
Other outside labor	59	208	2 24	465 92	8
HOLMES COUNTY.					
Pick miners	54	171	2 12	362 52	7.5
Track layers	2	197	1 96	386 12	7
Drivers	3	197	2 11	415 67	7.3

TABLE VIII—COAL MINING—Continued.

HOLMES COUNTY—Concluded.

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Engineers	1	195	$2 00	$390 00	8
Weighmen	2	197	1 65	325 05	9
Dumpers	1	195	1 50	292 50	8
Blacksmiths	1	195	2 42	471 90	8
JACKSON COUNTY.					
Pick miners	1,693	176	2 64	464 64	8
Machine cutters	156	193	2 83	546 19	8
Loaders	621	189	3 10	585 90	8
Track layers	72	180	2 20	396 00	8
Drivers	451	184	1 95	358 80	8
Timbermen	23	195	2 13	415 35	8
Pumpers	20	198	1 95	386 10	8.4
Cagers	40	195	2 13	415 35	8
Trappers	135	190	95	180 50	8
Other inside labor	117	189	1 96	370 44	8
Engineers	41	179	2 26	404 54	8.5
Firemen	18	204	1 96	399 84	8.9
Weighmen	47	166	2 03	336 98	8
Dumpers	30	191	1 96	374 36	8
Trimmers	79	180	1 97	354 60	8
Carpenters	9	200	2 45	490 00	8
Blacksmiths	55	177	2 24	396 48	8
Greasers	24	200	1 11	222 00	8
Hostlers	12	198	1 83	362 34	8
Other outside labor	93	198	1 95	386 10	8
JEFFERSON COUNTY.					
Pick miners	1,000	160	2 35	376 00	8
Machine cutters	265	160	3 23	420 03	8
Loaders	2,044	160	2 56	469 60	7.9
Track layers	70	168	2 41	404 88	8
Drivers	278	165	2 39	394 35	8
Timbermen	42	179	2 40	429 60	8
Pumpers	22	168	2 29	384 72	8
Cagers	10	150	2 23	334 50	8
Trappers	110	152	1 06	161 12	8
Other inside labor	178	158	2 29	361 82	8
Engineers	38	162	2 65	429 30	8.7
Firemen	23	143	2 05	293 15	8.3
Weighmen	24	167	2 29	382 43	8
Dumpers	36	152	2 04	310 08	8
Trimmers	68	165	1 96	323 40	8
Carpenters	24	176	2 35	413 60	8.3
Blacksmiths	41	165	2 59	427 35	8
Greasers	22	159	1 30	206 70	8
Hostlers	14	152	2 09	317 68	8.7
Other outside labor	193	157	2 01	315 57	8.1
LAWRENCE COUNTY.					
Pick miners	224	180	2 04	367 20	8.4
Machine cutters	8	222	2 50	555 00	8
Loaders	50	222	1 80	399 60	8
Track layers	7	175	2 13	372 75	8.3
Drivers	26	191	1 89	360 91	8.2
Trappers	11	199	95	188 05	8
Other inside labor	13	180	1 91	343 80	8
Engineers	1	222	2 66	590 52	8
Firemen	1	222	1 95	432 90	8
Weighmen	8	164	1 92	314 88	8
Dumpers	6	177	1 97	348 69	8
Trimmers	8	188	1 90	357 20	8
Blacksmiths	3	158	2 18	343 84	8
Greasers	2	222	95	210 90	8
Hostlers	3	158	1 00	158 00	5.3
Other outside labor	1	130	1 30	169 00	9

TABLE VIII—COAL MINING—Continued.

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
MAHONING COUNTY.					
Pick miners	386	192	$1 92	$368 64	8
Loaders	6	211	2 00	422 00	8
Track layers	6	231	2 43	561 33	8
Drivers	10	216	2 25	486 80	8
Timberman	1	211	2 00	422 00	8
Pumper	1	211	1 10	231 10	8
Other inside labor	2	295	2 42	713 90	8
Engineers	3	215	2 35	505 25	8
Firemen	2	211	1 75	369 25	8
Weighmen	2	215	2 11	453 65	8
Dumpers	2	235	1 77	415 95	8
Trimmer	1	220	1 80	396 00	8
Blacksmith	1	220	2 42	532 40	8
Other outside labor	8	206	1 53	315 18	8.7
MEDINA COUNTY.					
Pick miners	197	207	2 17	449 19	8
Track layers	5	199	2 42	481 78	8
Drivers	16	206	2 42	498 52	8
Timberman	1	212	2 42	513 04	8
Pumpers	2	212	2 42	513 04	8
Cagers	2	212	2 42	513 04	8
Trappers	4	181	1 06	191 86	8
Other inside labor	1	198	2 42	479 16	8
Engineers	10	203	2 29	464 87	8
Firemen	4	212	2 00	424 00	8
Weighmen	5	214	2 13	455 82	8
Dumpers	4	193	1 95	376 35	8
Trimmers	3	191	1 80	343 80	8
Blacksmiths	4	214	2 42	517 88	8
Other outside labor	3	200	1 80	360 00	8
MEIGS COUNTY.					
Pick miners	479	95	2 03	192 85	8
Machine cutters	17	124	2 12	262 88	8
Loaders	70	125	1 90	237 50	8
Track layers	10	84	1 98	166 32	8
Drivers	66	105	1 66	174 30	8.2
Timbermen	2	101	1 83	184 83	8.5
Pumper	1	48	1 66	79 68	8
Trappers	9	61	76	46 36	8
Other inside labor	44	91	1 76	160 16	8.3
Engineers	6	117	2 06	241 02	8.8
Firemen	2	90	1 50	135 00	10
Weighmen	7	91	1 75	159 25	8.9
Dumpers	16	104	1 48	153 92	8.8
Trimmers	8	72	1 47	105 04	8.6
Carpenters	5	79	2 00	158 00	8.8
Blacksmiths	9	90	2 10	189 00	8.8
Greasers	3	94	83	78 02	8.4
Hostlers	4	158	1 27	200 66	9
Other outside labor	50	109	1 50	163 50	9
MORGAN COUNTY.					
Machine cutters	21	115	3 12	358 80	8
Loaders	102	115	3 13	359 95	8
Track layers	8	119	2 43	289 17	8
Drivers	9	112	2 42	271 04	8
Trappers	4	112	1 06	118 72	8
Other inside labor	8	112	2 23	249 76	8
Engineers	4	117	2 28	266 76	8
Fireman	1	112	2 45	274 40	8
Weighmen	2	117	2 43	284 31	8
Dumpers	2	117	2 32	271 44	8
Trimmers	5	116	2 28	264 48	8
Blacksmiths	2	117	2 95	345 15	8
Other outside labor	9	112	2 23	249 76	8

TABLE VIII—COAL MINING—Continued.

MUSKINGUM COUNTY.

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Pick miners	358	142	2 48	352 16	8
Machine cutters	3	140	2 50	350 00	8
Loaders	21	138	2 00	276 00	8
Track layers	6	173	2 43	420 39	8
Drivers	36	145	2 33	337 85	8
Trappers	4	151	1 06	160 06	8
Other inside labor	14	148	2 34	346 32	8
Weighmen	9	141	2 01	282 41	8
Dumpers	4	181	1 94	351 14	8
Trimmers	10	124	2 21	274 04	8
Carpenter	1	200	2 39	478 00	8
Blacksmiths	3	197	2 57	506 29	8
Hostlers	2	195	1 90	370 50	8
Other outside labor	9	244	1 60	390 40	9.8

NOBLE COUNTY.

Pick miners	39	152	1 59	241 68	8.2
Track layer	1	200	2 00	400 00	9
Driver	1	200	2 00	400 00	9
Other inside labor	1	200	1 50	300 00	9
Other outside labor	1	200	2 00	400 00	9

PERRY COUNTY.

Pick miners	662	164	2 91	477 24	8
Machine cutters	299	162	4 01	649 62	8
Loaders	2,534	168	2 51	421 68	8
Track layers	66	180	2 40	432 00	8
Drivers	276	164	2 41	395 24	8
Timbermen	36	171	2 39	414 69	8
Pumpers	32	181	2 21	400 01	8
Cagers	25	188	2 31	434 28	8
Trappers	120	163	1 07	174 41	8
Other inside labor	142	194	2 26	438 44	8
Engineers	49	149	2 51	373 99	8
Firemen	38	191	2 24	427 84	8
Weighmen	33	156	2 21	344 76	8
Dumpers	50	160	2 22	355 20	8
Trimmers	106	164	2 23	365 72	8
Carpenters	15	198	2 40	475 20	8
Blacksmiths	53	170	2 67	453 90	8
Greasers	22	189	1 47	277 83	8
Hostlers	19	150	1 71	256 50	8
Other outside labor	84	163	2 17	353 71	8

PORTAGE COUNTY.

Pick miners	179	148	2 79	412 92	8
Track layers	10	168	2 42	406 56	8
Drivers	15	146	2 42	353 32	8
Timbermen	10	139	1 91	265 49	8
Pumpers	2	157	2 03	318 71	8
Cagers	4	148	2 04	301 92	8
Trappers	4	166	2 08	345 28	8
Engineers	10	153	2 28	348 84	8
Firemen	2	157	2 05	321 85	8
Weighmen	3	151	2 47	372 97	8
Dumpers	3	151	1 94	292 94	8
Trimmers	2	139	1 91	265 49	8
Carpenters	3	151	2 60	392 60	8
Blacksmiths	4	148	2 81	415 88	8
Hostlers	2	139	1 75	243 25	8
Other outside labor	9	139	2 10	291 90	8

SCIOTO COUNTY.

Pick miners	18	135	2 73	368 55	8
Track layer	1	135	2 06	278 10	8

TABLE VIII—COAL MINING—Continued.

SCIOTO COUNTY—Concluded.

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Drivers	3	135	$1 95	$263 25	8
Timberman	1	135	1 95	263 25	8
Weighman	1	135	1 95	263 25	8
Dumper	1	135	1 95	263 25	8
Trimmer	1	135	1 95	263 25	8
Blacksmith	1	135	1 95	263 25	8
Other outside labor	3	135	1 95	263 25	8
STARK COUNTY.					
Pick miners	1,365	160	3 04	486 40	8
Machine cutters	46	155	3 06	474 30	8
Loaders	203	154	2 95	454 30	8
Track layers	35	156	2 40	374 40	8
Drivers	105	169	2 37	400 53	8
Timbermen	4	144	2 43	349 92	8
Pumpers	28	151	2 21	333 71	8
Cagers	17	160	2 32	371 20	8
Trappers	48	151	1 06	160 06	8
Other inside labor	39	160	2 20	352 00	8
Engineers	62	155	2 18	337 90	8
Firemen	15	157	1 89	296 73	8
Weighmen	24	158	2 10	331 81	8
Dumpers	34	156	1 85	288 60	8
Trimmers	51	159	1 86	295 74	8
Carpenter	1	160	2 25	360 00	8
Blacksmiths	24	154	2 47	380 38	8
Greasers	13	170	1 83	311 10	8
Hostlers	5	180	1 78	320 40	8
Other outside labor	7	159	2 19	348 21	8
SUMMIT COUNTY.					
Pick miners	209	151	2 69	406 19	8
Machine cutters	4	220	4 00	880 00	8
Loaders	40	220	2 00	440 00	8
Track layers	10	172	2 39	411 08	8
Drivers	23	180	2 40	432 00	8
Timbermen	10	220	2 25	495 00	8
Pumpers	6	175	2 23	390 25	8
Cagers	6	181	2 42	438 02	8
Trappers	12	162	1 06	171 72	8
Other inside labor	5	162	2 34	379 08	8
Engineers	14	154	2 27	349 58	8.1
Firemen	6	136	1 89	257 04	8.5
Weighmen	4	178	2 14	380 92	8.5
Dumpers	8	162	1 89	306 18	8
Trimmers	11	178	1 89	336 42	8
Carpenter	1	85	2 50	212 50	8
Blacksmiths	5	147	2 31	339 57	8
Hostlers	2	220	1 50	330 00	8
Other outside labor	6	167	1 75	292 25	8
TRUMBULL COUNTY.					
Pick miners	19	119	1 87	222 53	8
Track layer	1	117	2 42	283 14	8
Drivers	2	84	1 96	164 64	8
Engineer	1	117	2 50	292 50	8
Weighman	1	117	1 66	194 22	10
Other outside labor	1	200	1 00	200 00	8
TUSCARAWAS COUNTY.					
Pick miners	1,556	206	2 60	535 60	8
Machine cutters	54	183	3 16	575 28	8
Loaders	167	170	2 79	474 30	8

TABLE VIII—COAL MINING—Concluded.

TUSCARAWAS COUNTY—Concluded.

Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
Track layers	51	180	$2 42	$435 60	8
Drivers	163	181	2 41	436 21	8
Timbermen	13	167	2 42	404 14	8
Pumpers	15	176	2 26	397 76	8
Cagers	7	173	2 42	418 66	8
Trappers	57	174	1 16	204 84	8
Other inside labor	84	188	2 30	432 40	8
Engineers	30	186	2 60	483 60	8.5
Firemen	15	175	1 76	308 00	8.7
Weighmen	28	172	2 54	436 88	8.2
Dumpers	27	180	1 89	340 20	8
Trimmers	54	173	1 89	326 97	8
Carpenters	3	175	2 65	463 75	8
Blacksmiths	37	178	2 52	448 56	8
Greasers	16	173	1 27	219 71	8
Hostlers	16	169	2 05	346 45	8.7
Other outside labor	17	192	1 84	353 28	8
VINTON COUNTY.					
Pick miners	251	137	2 16	295 92	8
Machine cutters	13	149	2 34	348 66	8
Loaders	85	150	2 16	324 00	8
Track layers	8	151	2 12	320 12	8
Drivers	33	151	1 99	300 49	8
Timbermen	5	125	1 96	245 00	8
Pumper	1	178	2 00	356 00	8
Cagers	3	169	1 98	334 62	8
Trappers	12	149	1 48	220 52	8
Other inside labor	6	135	1 95	263 25	8
Engineers	8	152	2 28	346 56	8
Firemen	2	145	1 75	253 75	9
Weighmen	8	138	1 99	274 62	8
Dumpers	3	149	1 97	293 53	8
Trimmers	10	146	1 96	286 16	8
Blacksmiths	6	144	2 20	316 80	8
Greaser	1	178	2 00	356 00	8
Hostlers	3	151	1 80	271 80	8.7
Other outside labor	1	158	1 50	237 00	8
WASHINGTON COUNTY.					
Pick miners	7	260	1 02	265 20	8
Track layer	1	260	1 50	390 00	8
Drivers	2	260	1 50	390 00	8
WAYNE COUNTY.					
Pick miners	226	154	2 45	377 30	8
Track layers	6	144	2 42	348 48	8
Drivers	58	110	2 40	264 00	8
Pumpers	2	90	2 23	200 70	8
Cagers	4	141	2 37	334 17	8
Trappers	8	135	1 06	143 10	8
Engineers	10	135	2 37	319 95	8
Firemen	3	138	1 93	266 34	9.3
Weighmen	4	164	2 00	328 00	9
Dumpers	3	130	1 89	243 70	8
Trimmers	8	146	1 89	275 94	8
Carpenters	2	150	2 50	375 00	8
Blacksmiths	4	141	2 47	348 27	8
Greaser	1	90	1 89	170 10	8
Hostlers	2	163	1 23	200 49	10
Other outside labor	1	175	1 75	306 25	8

TABLE IX—COAL MINING.

GIVING OCCUPATIONS, NUMBER EMPLOYED, NUMBER DAYS WORKED, DAILY WAGES, YEARLY EARNINGS AND HOURS OF DAILY LABOR FOR THE YEAR 1904.

TABLE IX1—COAL MINING—ATHENS COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10000	Machine cutters	6	131	$4 00	$524 00	8
"	Loaders	85	131	2 10	275 10	8
"	Track layers	2	131	2 42	317 02	8
"	Drivers	4	131	2 42	317 02	8
"	Timbermen	2	131	2 42	317 02	8
"	Pumpers	2	131	2 42	317 02	8
"	Cagers	2	131	2 42	317 02	8
"	Trappers	4	131	1 06	138 86	8
"	Other inside labor	4	131	2 32	303 92	8
"	Engineers	2	131	2 50	327 50	8
"	Firemen	2	131	2 00	262 00	8
"	Weighman	1	131	2 00	262 00	8
"	Dumpers	2	131	2 23	292 13	8
"	Trimmers	4	131	2 23	292 13	8
"	Carpenter	1	131	2 39	313 09	8
"	Blacksmiths	2	131	2 65	347 15	8
"	Greaser	1	131	1 33	174 23	8
"	Other outside labor	2	131	1 86	243 66	8
*10001	Machine cutters	12	227	3 40	771 80	8
"	Loaders	98	227	2 25	510 75	8
"	Track layers	3	227	2 42	549 34	8
"	Drivers	14	227	2 42	549 34	8
"	Cager	1	227	2 42	549 34	8
"	Trappers	6	227	1 06	240 62	8
"	Other inside labor	4	227	2 23	506 21	8
"	Engineers	2	227	2 87	651 49	10
"	Fireman	1	227	2 25	510 75	10
"	Weighmen	2	227	2 12	481 24	8
"	Dumpers	2	227	2 23	506 21	8
"	Trimmers	5	227	2 23	506 21	8
"	Carpenter	1	227	3 00	681 00	10
"	Blacksmiths	2	227	2 80	635 60	8
"	Greaser	1	227	1 50	340 50	8
"	Other outside labor	2	227	2 23	506 21	8
10002-1	Machine cutters	20	178	4 25	756 50	8
"	Loaders	215	178	2 25	402 50	8
"	Track layers	6	178	2 42	430 76	8
"	Drivers	18	178	2 42	430 76	8
"	Timbermen	6	178	2 42	430 76	8
"	Pumpers	3	178	2 23	396 94	8
"	Cagers	3	178	2 42	430 76	8
"	Trappers	6	178	1 06	188 68	8
"	Other inside labor	22	178	2 23	396 94	8
"	Engineers	3	178	2 65	471 70	8
"	Firemen	3	178	2 23	396 94	8
"	Dumpers	3	178	2 23	396 94	8
"	Trimmers	6	178	2 23	396 94	8
"	Carpenters	2	178	2 39	425 42	8
"	Blacksmiths	2	178	2 39	425 42	8
"	Greaser	1	178	1 33	236 74	8
"	Hostler	1	178	1 66	295 48	8
"	Other outside labor	8	178	2 23	396 94	8
10002-2	Machine cutters	24	225	4 16	936 00	8
"	Loaders	240	225	3 04	684 00	8
"	Track layers	6	225	2 61	587 25	8
"	Drivers	20	225	2 42	544 50	8
"	Timbermen	2	225	2 42	544 50	8
"	Pumpers	2	225	2 16	486 00	8
"	Cagers	2	225	2 42	544 50	8
"	Trappers	13	225	1 06	238 50	8
"	Other inside labor	7	225	2 49	560 25	8
"	Engineers	2	225	2 25	506 25	8
"	Firemen	2	225	2 23	501 75	8
"	Weighman	1	225	1 58	355 50	8
"	Dumper	1	225	2 23	501 75	8
"	Trimmers	10	225	2 23	501 75	8
"	Carpenter	1	225	2 39	537 75	8
"	Blacksmiths	2	225	2 90	652 50	8
"	Greaser	1	225	1 80	405 00	8

*2 mines.

TABLE IX1—COAL MINING—ATHENS COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10002-2	Hostlers	3	225	$2 00	$450 00	8
"	Other outside labor	5	225	2 24	504 00	8
10005	Pick miners	20	200	2 00	400 00	8
"	Weighman	1	200	2 23	446 00	8
"	Trimmer	1	200	2 23	446 00	8
†10006	Pick miners	20	121	2 50	302 50	8
"	Machine cutters	190	121	4 48	542 08	8
"	Loaders	1,821	121	2 44	295 24	8
"	Track layers	25	121	2 42	292 82	8
"	Drivers	154	121	2 42	292 82	8
"	Timbermen	7	121	2 42	292 82	8
"	Pumpers	17	121	2 23	269 83	8
"	Cagers	41	121	2 23	269 83	8
"	Trappers	88	121	1 06	128 26	8
"	Other inside labor	20	121	2 23	269 83	8
"	Engineers	28	121	2 68	324 28	8
"	Firemen	21	121	2 23	269 83	8
"	Weighmen	14	121	2 00	242 00	8
"	Dumpers	26	121	2 23	269 83	8
"	Trimmers	73	121	2 50	302 50	8
"	Carpenters	14	121	2 50	302 50	8
"	Blacksmiths	25	121	3 00	363 00	8
"	Greasers	11	121	1 33	160 93	8
"	Hostlers	14	121	2 00	242 00	8
"	Other outside labor	10	121	2 23	269 83	8
10007	Pick miners	2	280	2 00	560 00	8
10009	Machine cutters	16	204	2 75	561 00	8
"	Loaders	135	204	2 50	510 00	8
"	Track layers	2	204	2 42	493 68	8
"	Drivers	10	204	2 42	493 68	8
"	Timbermen	2	204	2 42	493 68	8
"	Pumpers	2	204	2 23	454 92	8
"	Cagers	4	204	2 42	493 68	8
"	Trappers	6	204	1 06	216 24	8
"	Other inside labor	3	204	2 42	493 68	8
"	Engineers	3	204	2 44	497 76	8
"	Firemen	2	204	2 23	454 92	8
"	Weighman	1	204	2 26	461 04	8
"	Dumper	1	204	2 23	454 92	8
"	Trimmers	6	204	2 23	454 92	8
"	Carpenter	1	204	2 50	510 00	8
"	Blacksmiths	2	204	2 71	552 84	8
"	Other outside labor	2	204	2 23	454 92	8
10012	Pick miners	25	220	2 25	495 00	8
"	Track layer	1	220	2 42	532 40	8
"	Drivers	3	220	2 42	532 40	8
"	Trappers	2	220	1 06	233 20	8
"	Other inside labor	2	220	1 75	385 00	8
"	Trimmer	1	220	2 25	495 00	8
10013	Pick miners	10	214	2 50	535 00	7
"	Machine cutters	4	214	5 20	1,112 80	8
"	Loaders	48	214	1 80	385 20	7
"	Track layers	2	214	2 45	524 30	8
"	Drivers	7	214	2 45	524 30	7
"	Timberman	1	214	2 45	524 30	8
"	Trappers	2	214	1 07	228 98	7
"	Other inside labor	1	214	2 26	483 64	7
"	Engineer	1	214	4 00	856 00	8
"	Fireman	1	214	2 45	524 30	8
"	Weighman	1	214	2 00	428 00	7
"	Dumpers	2	214	2 26	483 64	7
"	Trimmers	2	214	2 26	483 64	7
"	Carpenter	1	214	2 42	517 88	8
"	Blacksmith	1	214	2 69	575 66	8
"	Greaser	1	214	1 35	288 90	7
"	Other outside labor	2	214	2 26	483 64	7
10015	Machine cutters	2	273	4 00	1.092 00	8
"	Loaders	8	273	2 42	660 66	8
"	Engineer	1	273	2 50	682 50	8
"	Dumper	1	273	2 23	608 79	8

†14 mines.

TABLE IXI—COAL MINING—ATHENS COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10016	Machine cutters	12	168	$3 02	$507 36	8
"	Loaders	90	168	2 49	418 32	8
"	Track layers	2	168	2 42	406 56	8
"	Drivers	13	168	2 42	406 56	8
"	Timbermen	2	168	2 23	374 64	8
"	Pumpers	2	168	2 23	374 64	8
"	Trappers	7	168	1 06	178 08	8
"	Other inside labor	3	168	2 42	406 56	8
"	Engineers	2	168	2 39	401 52	8
"	Fireman	1	168	2 23	374 64	8
"	Weighman	1	168	1 87	314 16	8
"	Dumper	1	168	2 23	374 64	8
"	Trimmers	4	168	2 23	374 64	8
"	Carpenter	1	168	2 39	401 52	8
"	Blacksmith	1	168	2 65	445 20	8
"	Greaser	1	168	2 23	374 64	8
"	Other outside labor	4	168	2 23	374 64	8
*10018	Pick miners	9	255	2 25	573 75	8
"	Machine cutters	2	255	3 00	765 00	8
"	Loaders	4	255	2 25	573 75	8
"	Driver	1	255	2 25	573 75	8
10019	Machine cutters	6	210	4 00	840 00	8
"	Loaders	68	210	1 75	367 50	8
"	Track layers	2	210	2 42	508 20	8
"	Drivers	6	210	2 42	508 20	8
"	Pumpers	2	210	2 25	472 50	8
"	Cager	1	210	2 42	508 20	8
"	Trappers	4	210	1 06	222 60	8
"	Other inside labor	2	210	2 25	472 50	8
"	Engineers	2	210	2 75	577 50	8
"	Fireman	1	210	2 23	468 30	8
"	Weighman	1	210	2 10	441 00	8
"	Dumper	1	210	2 23	468 30	8
"	Trimmers	4	210	2 23	468 30	8
"	Carpenter	1	210	3 00	630 00	8
"	Blacksmith	1	210	3 00	630 00	8
"	Greaser	1	210	1 33	279 30	8
"	Hostler	1	210	1 75	367 50	8
"	Other outside labor	4	210	1 86	390 60	8
*10022	Machine cutters	14	203	4 50	913 50	8
"	Loaders	150	203	2 50	507 50	8
"	Track layer	1	203	2 61	529 83	8
"	Drivers	10	203	2 42	491 26	8
"	Timberman	1	203	2 42	491 26	8
"	Pumper	1	203	2 42	491 26	8
"	Cagers	4	203	2 42	491 26	8
"	Trappers	10	203	1 06	215 18	8
"	Other inside labor	2	203	2 23	452 69	8
"	Engineers	2	203	2 11	428 33	8
"	Dumpers	2	203	2 23	452 69	8
"	Trimmers	8	203	2 23	452 69	8
"	Carpenter	1	203	2 42	491 26	8
"	Blacksmith	1	203	2 60	787 80	8
"	Greaser	1	203	1 66	336 98	8
"	Hostler	1	203	1 33	269 99	8
"	Other outside labor	2	203	1 65	334 95	8
10023	Pick miners	20	240	2 25	540 00	8
"	Loaders	8	240	2 25	540 00	8
"	Track layer	1	240	2 50	600 00	8
"	Drivers	2	240	2 35	564 00	8
10024	Machine cutters	4	207	2 25	465 75	8
"	Loaders	45	207	1 90	393 30	7.5
"	Drivers	7	207	2 39	494 73	8
"	Trappers	3	207	1 04	215 28	8
"	Other inside labor	2	207	2 42	500 94	8
"	Engineers	2	207	2 23	461 61	12
"	Firemen	2	207	2 23	461 61	12
"	Weighman	1	207	2 23	461 61	8
"	Dumper	1	207	2 23	461 61	8
"	Trimmers	2	207	2 23	461 61	8

*2 mines.

TABLE IX1—COAL MINING—ATHENS COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10024	Blacksmith	1	207	$2 65	$548 55	8
"	Hostler	1	207	1 33	275 31	12
"	Other outside labor	2	207	2 23	461 61	8
10025	Pick miners	7	150	2 75	412 50	8
"	Machine cutters	2	150	2 00	300 00	8
"	Loaders	8	150	3 00	450 00	8
"	Driver	1	150	2 42	363 00	8
"	Engineer	1	150	2 50	375 00	8
"	Weighman	1	150	2 25	337 50	8
"	Trimmer	1	150	2 25	337 50	8
"	Blacksmith	1	150	2 50	375 00	8
10028	Pick miners	13	240	3 20	768 00	8
"	Machine cutters	6	240	4 57	1,096 80	8
"	Loaders	76	240	1 78	427 20	8
"	Track layers	2	240	2 42	580 80	8
"	Drivers	10	240	2 42	580 80	8
"	Trappers	5	240	1 06	254 40	8
"	Other inside labor	3	240	2 23	535 20	8
"	Engineers	2	240	2 50	600 00	10
"	Weighman	1	240	2 50	600 00	8
"	Dumpers	3	240	2 23	535 20	8
"	Trimmers	5	240	2 23	535 20	8
"	Blacksmith	1	240	2 65	636 00	8
"	Hostler	1	240	2 00	480 00	10
"	Other outside labor	2	240	2 23	535 20	8
10028½	Machine cutters	4	26	6 05	157 30	8
"	Loaders	36	26	3 19	82 94	8
"	Track layer	1	26	2 42	62 92	8
"	Drivers	4	26	2 42	62 92	8
"	Timberman	1	26	2 42	62 92	8
"	Pumper	1	26	2 42	62 92	8
"	Cager	1	26	2 42	62 92	8
"	Trappers	2	26	1 06	27 56	8
"	Engineers	2	26	2 50	65 00	8
"	Weighman	1	26	2 30	59 80	8
"	Dumper	1	26	2 23	57 98	8
"	Trimmers	3	26	2 23	57 98	8
"	Carpenter	1	26	2 39	62 14	8
"	Blacksmith	1	26	2 65	68 90	8
"	Hostler	1	26	1 93	50 18	8
"	Other outside labor	4	26	2 23	57 98	8
10030	Machine cutters	4	200	2 82	564 00	8
"	Loaders	20	200	2 42	484 00	8
"	Track layer	1	200	2 42	484 00	8
"	Drivers	6	200	2 42	484 00	8
"	Trapper	1	200	1 06	212 00	8
"	Engineers	2	200	2 50	500 00	8
"	Dumper	1	200	2 42	484 00	8
"	Trimmer	1	200	2 28	456 00	8
"	Blacksmith	1	200	2 65	530 00	8
"	Greaser	1	200	1 33	266 00	8
"	Hostler	1	200	2 00	400 00	8
"	Other outside labor	2	200	2 42	484 00	8
10031	Machine cutters	4	96	3 40	236 40	8
"	Loaders	28	96	2 15	206 40	8
"	Track layers	2	96	2 32	222 72	8
"	Drivers	6	96	2 42	232 32	8
"	Pumpers	2	96	2 42	232 32	8
"	Cagers	2	96	2 42	232 32	8
"	Trappers	2	96	1 06	101 76	8
"	Other inside labor	2	96	2 23	214 08	8
"	Engineers	2	96	2 88	276 48	8
"	Firemen	2	96	2 23	214 08	8
"	Weighman	1	96	2 30	220 80	8
"	Dumper	1	96	2 23	214 08	8
"	Trimmer	1	96	2 50	240 00	8
"	Carpenter	1	96	3 00	288 00	8
"	Blacksmiths	2	96	2 75	264 00	8
"	Hostler	1	96	1 50	144 00	8
"	Other outside labor	2	96	2 42	232 32	8
10211	Machine cutters	4	300	4 00	1,200 00	8
"	Loaders	50	300	2 25	675 00	8

TABLE IX1—COAL MINING—ATHENS COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10211	Track layer	1	300	$2 42	$726 00	8
"	Drivers	6	300	2 42	726 00	8
"	Pumpers	2	300	2 00	600 00	8
"	Trappers	2	300	1 13	339 00	8
"	Engineer	1	300	4 00	1,200 00	8
"	Fireman	1	300	2 42	726 00	8
"	Dumpers	2	300	2 23	669 00	8
"	Trimmers	2	300	2 23	669 00	8
"	Blacksmith	1	300	2 75	825 00	8
"	Greaser	1	300	1 25	375 00	8
10003	Pick miners	6	193	3 63	700 59	8
"	Machine cutters	22	193	4 26	822 18	8
"	Loaders	311	193	1 56	301 08	8
"	Track layers	4	193	2 42	467 06	8
"	Drivers	40	193	2 42	467 06	8
"	Timbermen	4	193	2 42	467 06	8
"	Pumpers	2	193	2 23	430 39	8
"	Cagers	8	193	2 42	467 06	8
"	Trappers	25	193	1 06	204 58	8
"	Other inside labor	10	193	2 23	430 39	8
"	Engineers	4	193	2 56	494 08	8
"	Firemen	4	193	2 30	443 90	8
"	Weighman	1	193	2 04	393 72	8
"	Trimmers	7	193	2 23	430 39	8
"	Carpenters	2	193	2 39	461 27	8
"	Blacksmiths	3	193	2 42	467 06	8
"	Greaser	1	193	1 33	256 69	8
"	Hostlers	2	193	1 93	372 49	8
"	Other outside labor	5	193	1 44	277 92	8
10010	Pick miners	10	204	2 75	561 00	8
"	Machine cutters	11	204	3 25	663 00	8
"	Loaders	122	204	2 48	505 92	8
"	Track layers	2	204	2 42	493 68	8
"	Drivers	17	204	2 42	493 68	8
"	Pumper	1	204	1 91	389 64	8
"	Trappers	8	204	1 06	216 24	8
"	Other inside labor	11	204	2 23	454 92	8
"	Engineers	3	204	2 75	561 00	8
"	Fireman	1	204	2 23	454 92	8
"	Weighman	1	204	2 50	510 00	8
"	Dumpers	2	204	2 23	454 92	8
"	Trimmers	5	204	2 23	454 92	8
"	Carpenter	1	204	2 75	561 00	8
"	Blacksmiths	2	204	2 75	561 00	8
"	Greasers	4	204	1 59	324 36	8
"	Other outside labor	11	204	1 91	389 64	8
10014	Machine cutters	4	146	3 00	438 00	8
"	Loaders	41	146	2 42	353 32	8
"	Track layer	1	146	2 42	353 32	8
"	Drivers	8	146	2 42	353 32	8
"	Timberman	1	146	2 42	353 32	8
"	Pumpers	2	146	1 91	278 86	8
"	Trapper	1	146	1 06	154 76	8
"	Engineers	2	146	2 75	401 50	8
"	Fireman	1	146	2 23	325 58	8
"	Weighman	1	146	2 42	353 32	8
"	Dumper	1	146	2 23	325 58	8
"	Trimmer	1	146	2 23	325 58	8
"	Blacksmith	1	146	2 75	401 50	8
"	Greaser	1	146	1 59	232 14	8
"	Hostler	1	146	1 59	232 14	8
10032	Machine cutters	2	90	1 75	157 50	8
"	Loaders	12	90	1 75	157 50	8
"	Driver	1	90	2 42	217 80	8
"	Engineer	1	90	2 42	217 80	8
"	Weighman	1	90	2 23	200 70	8

TABLE IX2—COAL MINING—BELMONT COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10035	Pick miners	295	222	$2 59	$574 98	8
"	Machine cutters	80	222	2 90	643 80	8
"	Loaders	351	222	2 54	563 88	8
"	Track layers	13	222	2 33	517 26	8
"	Drivers	91	222	2 42	537 24	8
"	Timbermen	17	222	2 33	517 26	8
"	Trappers	29	222	1 06	253 32	8
"	Other inside labor	128	222	2 23	517 26	8
"	Engineers	9	222	2 53	561 66	8
"	Firemen	3	222	1 87	415 14	8
"	Weighmen	4	222	2 30	510 60	8
"	Dumpers	6	222	1 99	441 78	8
"	Trimmers	15	222	1 96	435 12	8
"	Carpenters	4	222	2 38	528 36	8
"	Blacksmiths	11	222	2 59	574 98	8
"	Greasers	2	222	1 17	259 74	8
"	Hostlers	4	222	1 83	406 26	8
"	Other outside labor	49	222	2 00	444 00	8
10036	Pick miners	63	215	3 00	645 00	8
"	Drivers	6	215	2 42	520 30	8
"	Trappers	2	215	1 13	242 95	8
"	Engineer	1	215	1 98	425 70	8
"	Weighman	1	215	2 00	430 00	8
"	Dumper	1	215	2 00	430 00	8
"	Hostler	1	215	2 00	430 00	8
"	Other outside labor	2	215	2 00	430 00	8
10037	Pick miners	60	220	2 10	462 00	8
"	Machine cutters	8	220	2 56	563 20	8
"	Loaders	50	220	2 00	440 00	8
"	Track layers	2	220	2 42	532 40	8
"	Drivers	6	220	2 42	532 40	8
"	Timberman	1	220	2 42	532 40	8
"	Trappers	2	220	1 23	270 60	8
"	Other inside labor	2	220	2 23	490 60	8
"	Engineers	2	220	2 70	594 00	10
"	Weighman	1	220	2 00	440 00	8
"	Dumpers	2	220	1 89	415 80	8
"	Trimmers	2	220	2 10	462 00	8
"	Blacksmith	1	220	2 80	616 00	8
"	Greaser	1	220	1 06	233 20	8
"	Other outside labor	1	220	1 79	393 80	8
10038	Machine cutters	14	113	3 00	339 00	8
"	Loaders	30	113	3 00	339 00	8
"	Track layers	2	113	2 42	273 46	8
"	Drivers	5	113	2 42	273 46	8
"	Other inside labor	3	113	2 42	273 46	8
"	Engineer	1	113	2 25	254 25	9
"	Fireman	1	113	1 86	210 18	9
"	Weighman	1	113	2 25	254 25	8
"	Dumper	1	113	1 95	220 35	8
"	Trimmer	1	113	1 86	210 18	8
"	Blacksmith	1	113	2 64	298 32	8
"	Hostler	1	113	1 75	197 75	11
"	Other outside labor	3	113	1 86	210 18	8
10039	Pick miners	28	200	1 90	380 00	8
"	Drivers	2	200	2 10	420 00	8
"	Other inside labor	1	200	75	150 00	8
"	Engineers	1	200	2 00	400 00	8
"	Fireman	1	200	1 75	350 00	8
"	Trimmer	1	200	1 50	300 00	8
10040	Pick miners	120	261	1 60	417 60	8
"	Machine cutters	4	261	1 56	407 16	8
"	Loaders	30	261	95	247 95	8
"	Track layers	2	261	2 46	642 06	8
"	Drivers	13	261	2 46	642 06	8
"	Timberman	1	261	2 46	642 06	8
"	Trappers	2	261	1 08	281 88	8
"	Other inside labor	6	261	2 52	657 72	8

*4 mines.

TABLE IX2—COAL MINING—BELMONT COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10040	Engineer	1	261	$2 75	$717 75	8
"	Weighman	1	261	2 30	600 30	8
"	Dumper	1	261	1 98	516 78	8
"	Trimmers	3	261	1 73	451 53	8
"	Blacksmiths	2	261	2 69	702 09	8
"	Hostler	1	261	1 67	435 87	8
"	Other outside labor	3	261	1 48	386 28	8
10041	Pick miners	8	250	2 42	605 00	8
"	Drivers	2	250	2 42	605 00	8
10043	Pick miners	2	195	2 00	390 00	9
10044	Pick miners	6	175	3 00	525 00	8
"	Driver	1	175	2 00	350 00	8
10045	Pick miner	1	150	2 25	337 50	8
10046	Pick miners	3	200	1 50	300 00	8
"	Driver	1	200	1 50	300 00	8
10047	Pick miners	2	300	2 50	750 00	8
†10048	Pick miners	2	155	3 63	562 65	8
"	Machine cutters	15	155	4 01	621 55	8
"	Loaders	129	155	3 85	596 75	8
"	Track layers	4	155	2 42	375 10	8
"	Drivers	20	155	2 42	375 10	8
"	Timbermen	2	155	2 42	375 10	8
"	Cager	1	155	2 42	375 10	8
"	Trappers	6	155	1 06	164 30	8
"	Other inside labor	4	155	2 23	345 65	8
"	Engineers	4	155	3 03	469 65	10
"	Fireman	1	155	1 86	288 30	8
"	Weighmen	2	155	2 23	345 65	8
"	Dumpers	2	155	2 12	328 60	8
"	Trimmers	6	155	1 86	288 30	8
"	Carpenter	1	155	3 00	465 00	8
"	Blacksmiths	4	155	2 50	387 50	8
"	Other outside labor	2	155	1 86	288 30	8
†10050	Pick miners	18	175	2 25	393 75	8
"	Machine cutters	30	175	3 50	612 50	8
"	Loaders	255	175	2 50	437 50	8
"	Track layers	12	175	2 42	423 50	8
"	Drivers	20	175	2 42	423 50	8
"	Timbermen	4	175	2 42	423 50	8
"	Pumpers	2	175	2 42	423 50	8
"	Trappers	5	175	1 06	423 50	8
"	Other inside labor	5	175	2 23	390 25	8
"	Engineers	4	175	2 75	481 25	8
"	Weighmen	2	175	2 12	371 00	8
"	Dumpers	2	175	1 98	346 50	8
"	Trimmers	6	175	1 86	325 50	8
"	Carpenters	2	175	2 23	390 25	8
"	Blacksmiths	4	175	2 64	462 00	8
"	Greasers	4	175	1 17	204 75	8
"	Other outside labor	5	175	1 86	325 50	8
10051	Machine cutters	18	128	2 65	339 20	8
"	Loaders	125	128	2 45	313 60	8
"	Track layers	2	128	2 42	309 76	8
"	Drivers	13	128	2 42	309 76	8
"	Timbermen	2	128	2 42	309 76	8
"	Pumper	1	128	2 42	309 76	8
"	Cagers	2	128	2 42	309 76	8
"	Trappers	4	128	1 06	135 68	8
"	Other inside labor	1	128	2 42	309 76	8
"	Engineers	2	128	2 80	358 40	10
"	Firemen	2	128	2 25	288 00	12
"	Weighman	1	128	2 25	288 00	8
"	Dumper	1	128	1 86	238 08	8
"	Trimmers	3	128	1 86	238 08	8
"	Carpenters	2	128	2 23	285 44	8
"	Blacksmiths	2	128	2 75	352 00	8
"	Greaser	1	128	1 17	149 76	8
"	Hostler	1	128	2 00	256 00	6
"	Other outside labor	4	128	1 86	238 08	8

†2 mines.

TABLE IX2—COAL MINING—BELMONT COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10052	Pick miners	5	295	$3 60	$1,062 00	7
"	Drivers	2	295	2 00	590 00	8
"	Dumper	1	295	2 00	590 00	8
10053	Pick miners	390	195	2 50	487 50	8
"	Machine cutters	8	195	2 75	536 25	8
"	Loaders	50	195	2 60	507 00	8
"	Track layers	6	195	2 42	471 90	8
"	Drivers	30	195	2 42	471 90	8
"	Timbermen	6	195	2 42	471 90	8
"	Trappers	10	195	1 06	206 70	8
"	Other inside labor	8	197	2 42	471 90	8
"	Engineers	3	195	2 42	471 90	8
"	Firemen	3	195	2 20	429 00	8
"	Weighmen	3	195	2 20	429 00	8
"	Dumpers	3	195	1 86	362 70	8
"	Trimmers	9	195	1 86	362 70	8
"	Blacksmiths	3	195	3 00	585 00	8
‡10054	Pick miners	25	210	2 50	525 00	8
"	Machine cutters	40	210	3 00	630 00	8
"	Loaders	285	210	2 50	525 00	8
"	Track layers	6	210	2 42	508 20	8
"	Drivers	30	210	2 42	508 20	8
"	Timbermen	5	210	2 42	508 20	8
"	Trappers	10	210	1 17	245 70	8
"	Other inside labor	20	210	2 23	468 30	8
"	Engineers	5	210	3 00	630 00	8
"	Firemen	3	210	2 50	525 00	8
"	Weighmen	3	210	2 25	472 50	8
"	Dumpers	3	210	2 10	441 00	8
"	Trimmers	12	210	1 90	399 00	8
"	Carpenters	3	210	2 25	472 50	8
"	Blacksmiths	5	210	2 75	577 50	8
"	Greasers	4	210	1 17	245 70	8
"	Hostlers	3	210	2 00	420 00	8
"	Other outside labor	10	210	1 90	399 00	8
10055	Pick miners	8	290	2 25	427 50	8
"	Driver	1	290	2 42	701 80	8
"	Other inside labor	1	290	2 42	701 80	8
10056	Machine cutters	2	290	2 50	725 00	8
"	Loaders	2	290	2 00	580 00	8
"	Driver	1	290	2 42	701 80	8
10058	Pick miners	2	270	2 10	567 00	8
‡10059	Pick miners	167	211	3 10	654 10	7
"	Track layers	4	211	2 48	523 28	7
"	Drivers	8	211	2 48	523 28	7
"	Timbermen	3	211	1 75	369 25	7
"	Trappers	3	211	1 00	211 00	6.5
"	Other inside labor	5	211	1 87	394 57	7
"	Weighmen	2	211	1 90	400 90	7
"	Dumpers	2	211	2 20	464 20	7
"	Trimmers	4	211	1 65	348 15	7
"	Blacksmiths	2	211	2 25	474 75	6
"	Greasers	2	211	1 25	263 75	6
"	Hostlers	2	211	1 60	337 60	12
10060	Pick miners	4	160	3 00	480 00	8
"	Driver	1	160	3 00	480 00	8
10061	Driver	1	200	2 42	484 00	8
10063	Pick miners	7	172	2 74	471 28	8
"	Machine cutters	16	172	2 55	438 60	8
"	Loaders	30	172	2 88	512 64	8
"	Track layer	1	172	2 42	416 24	8
"	Drivers	5	172	2 42	416 24	8
"	Trapper	1	172	1 06	182 32	8
"	Other inside labor	1	172	2 23	383 56	8
"	Engineers	3	172	2 33	383 56	9
"	Weighman	1	172	2 25	387 00	8
"	Trimmer	1	172	1 86	319 92	8
"	Blacksmith	1	172	2 64	454 08	8
"	Hostler	1	172	1 23	211 56	8

‡3 mines.

TABLE IX2—COAL MINING—BELMONT COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10065	Pick miners	49	133	$4 53	$602 49	8
"	Track layer	1	133	2 42	321 86	8
"	Drivers	5	133	2 42	321 86	8
"	Trappers	2	133	1 06	140 98	8
"	Engineer	1	133	2 80	372 40	8
"	Fireman	1	133	2 00	266 00	8
"	Weighman	1	133	2 00	266 00	8
"	Dumpers	2	133	1 90	252 70	8
"	Trimmers	2	133	2 00	266 00	8
"	Blacksmiths	2	133	2 50	332 50	8
"	Greaser	1	133	1 25	166 25	8
"	Other outside labor	1	133	1 89	251 37	8
10067	Pick miners	6	250	2 42	605 00	8
"	Track layer	1	250	2 42	605 00	8
"	Drivers	2	250	2 42	605 00	8
"	Weighman	1	250	2 42	605 00	8
"	Dumper	1	250	2 42	605 00	8
10068	Pick miners	4	66	2 80	184 80	8
"	Machine cutters	4	66	2 80	184 80	8
"	Loaders	20	66	2 80	184 80	8
"	Track layer	1	66	2 42	159 72	8
"	Drivers	4	66	2 42	159 72	8
"	Trappers	3	66	1 06	69 96	8
"	Other inside labor	2	66	2 23	147 18	8
"	Dumper	1	66	1 98	130 68	8
"	Trimmer	1	66	1 86	122 76	8
"	Carpenter	1	66	2 23	147 18	8
"	Blacksmith	1	66	2 64	174 24	8
"	Greaser	1	66	1 17	77 22	8
10069	Machine cutters	12	216	3 00	648 00	8
"	Loaders	33	216	2 60	561 60	8
"	Track layer	1	216	2 42	522 72	8
"	Drivers	7	216	2 42	522 72	$
"	Timberman	1	216	2 42	522 72	8
"	Trapper	1	216	96	207 36	8
"	Engineer	1	216	2 50	540 00	8
"	Weighman	1	216	2 00	432 00	8
"	Dumper	1	216	1 99	429 84	8
"	Trimmer	1	216	2 25	486 00	8
"	Blacksmith	1	216	2 64	570 24	8
"	Other outside labor	1	216	1 86	401 76	8
10070	Pick miners	192	182	2 07	376 74	8
"	Track layers	2	182	2 42	440 40	8
"	Drivers	19	182	2 42	440 40	8
"	Timbermen	5	182	2 42	440 40	8
"	Cagers	3	182	2 42	440 40	8
"	Other inside labor	15	182	2 23	405 86	8
"	Engineers	2	182	2 75	500 50	8
"	Firemen	2	182	2 40	436 80	8
"	Weighman	1	182	2 42	440 40	8
"	Trimmer	1	182	1 98	360 36	8
"	Carpenter	1	182	3 50	637 00	8
"	Blacksmiths	2	182	3 00	546 00	8
"	Greaser	1	182	1 17	212 94	8
"	Hostler	1	182	2 00	364 00	8
"	Other outside labor	6	182	1 60	291 20	8
10071	Pick miners	25	211	2 47	521 17	5
"	Machine cutters	8	211	2 75	580 25	5
"	Loaders	47	211	2 47	521 17	5
"	Track layers	2	211	1 60	337 60	2
"	Drivers	3	211	1 50	316 50	5
"	Timbermen	2	211	1 03	217 33	3
"	Pumper	1	211	1 50	316 50	5
"	Trappers	2	211	65	137 15	5
"	Other inside labor	4	211	1 20	253 20	4
"	Engineer	1	211	2 25	474 75	8
"	Weighman	1	211	1 40	295 40	5
"	Dumpers	2	211	1 22	257 42	5
"	Trimmers	2	211	1 31	276 41	5

TABLE IX2—COAL MINING—BELMONT COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10071	Carpenters	3	211	$2 63	$554 93	6
"	Blacksmith	1	211	2 10	443 10	6
"	Hostler	1	211	1 50	316 50	8
"	Other outside labor	17	211	1 84	388 24	7
†10072	Pick miners	68	255	3 00	765 00	8
"	Machine cutters	8	255	3 25	828 75	8
"	Loaders	58	255	2 40	612 00	8
"	Track layers	3	255	2 42	617 10	8
"	Drivers	16	255	2 42	617 10	8
"	Timbermen	5	255	2 23	568 65	8
"	Trappers	4	255	1 06	270 30	8
"	Engineers	2	255	2 50	637 50	10
"	Weighmen	4	255	2 00	510 00	8
"	Dumpers	3	255	1 98	504 90	8
"	Trimmers	4	255	1 86	474 30	8
"	Carpenters	2	255	2 50	637 50	8
"	Blacksmiths	2	255	2 42	617 10	8
"	Greaser	1	255	1 86	474 30	8
"	Hostlers	2	255	1 60	408 00	10
10073	Pick miners	10	250	2 25	562 50	8
"	Driver	1	250	2 42	605 00	8
"	Other outside labor	2	250	2 00	500 00	8
10596	Pick miners	102	123	2 21	271 83	8
"	Track layer	1	123	2 42	297 66	8
"	Drivers	4	123	2 42	297 66	8
"	Timbermen	2	123	2 42	297 66	8
"	Trappers	2	123	1 06	130 38	8
"	Other inside labor	1	123	2 42	297 66	8
"	Engineer	1	123	2 85	350 55	8
"	Weighman	1	123	2 00	246 00	8
"	Dumper	1	123	1 98	243 54	8
"	Trimmers	2	123	1 86	228 78	8
"	Blacksmith	1	123	3 00	369 00	8
10066	Pick miners	40	275	3 00	825 00	8
"	Machine cutters	6	275	3 00	825 00	8
"	Loaders	17	275	2 50	687 50	8
"	Track layer	1	275	2 42	665 50	8
"	Drivers	6	275	2 42	665 50	8
"	Trapper	1	275	1 26	346 50	8
"	Engineer	1	275	3 00	825 00	8
"	Fireman	1	275	2 00	550 00	8
"	Weighman	1	275	2 50	687 50	8
"	Dumper	1	275	2 00	550 00	8
"	Trimmers	2	275	1 86	511 50	8
"	Blacksmiths	2	275	2 64	726 00	8
"	Greaser	1	275	1 86	511 50	8
10075	Pick miners	9	148	2 42	358 16	8
"	Machine cutters	6	148	2 00	296 00	8
"	Loaders	15	148	1 60	236 80	8
"	Track layers	2	148	1 21	179 08	8
"	Drivers	4	148	1 21	179 08	8
"	Pumper	1	148	1 49	220 52	8
"	Other inside labor	4	148	1 25	185 00	8
"	Engineer	1	148	2 50	370 00	8
"	Weighman	1	148	1 35	199 80	8
"	Dumper	1	148	1 35	199 80	8
"	Blacksmith	1	148	2 25	333 00	8
10076	Pick miners	41	66	2 50	165 00	8
"	Track layers	2	66	2 32	153 12	8
"	Drivers	2	66	2 42	159 72	8
"	Timbermen	6	66	2 23	147 18	8
"	Cager	1	66	2 42	159 72	8
"	Other inside labor	7	66	2 23	147 18	8
"	Engineers	3	66	3 00	198 00	8
"	Dumpers	8	66	1 75	115 50	8
"	Carpenter	1	66	3 30	217 80	10
"	Blacksmiths	2	66	2 00	132 00	10
"	Other outside labor	1	66	1 75	115 50	10

†2 mines.

TABLE IX3—COAL MINING—CARROLL COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10080	Pick miners	2	200	$2 00	$400 00	8
"	Driver	1	200	2 00	400 00	8
10081	Machine cutters	8	136	3 25	442 00	8
"	Loaders	40	136	4 22	557 04	8
"	Track layer	1	136	2 42	329 12	8
"	Drivers	4	136	2 42	329 12	8
"	Timberman	1	136	2 42	329 12	8
"	Pumper	1	136	2 23	303 28	8
"	Engineer	1	136	2 12	288 32	8
"	Weighman	1	136	1 92	261 12	8
"	Dumpers	2	136	1 89	257 04	8
"	Trimmers	3	136	1 89	257 04	8
"	Blacksmith	1	136	2 56	348 16	8
10083	Pick miners	2	40	2 00	80 00	8
*10084	Pick miners	10	170	2 50	425 00	8
"	Machine cutters	42	170	3 00	510 00	8
"	Loaders	210	170	2 50	425 00	8
"	Track layers	4	170	2 42	411 40	8
"	Drivers	30	170	2 42	411 40	8
"	Timbermen	3	170	2 42	411 40	8
"	Pumpers	3	170	2 42	411 40	8
"	Cagers	6	170	2 42	411 40	8
"	Trappers	16	170	2 42	411 40	8
"	Other inside labor	5	170	2 42	411 40	8
"	Engineers	6	170	2 42	411 40	8
"	Firemen	3	170	2 23	379 10	8
"	Weighmen	2	170	2 42	411 40	8
"	Dumpers	2	170	1 89	321 30	8
"	Trimmers	6	170	1 89	321 30	8
"	Carpenter	1	170	2 75	467 50	8
"	Blacksmiths	5	170	2 70	459 00	8
"	Greasers	2	170	1 25	212 50	8
"	Hostlers	2	170	1 77	300 90	8
"	Other outside labor	2	170	1 89	321 30	8
10086	Machine cutters	12	200	2 97	594 00	8
"	Loaders	50	200	2 00	400 00	8
"	Track layers	3	200	2 42	484 00	8
"	Drivers	8	200	2 42	484 00	8
"	Timberman	1	200	2 42	484 00	8
"	Pumper	1	200	1 10	220 00	8
"	Engineers	2	200	2 42	484 00	9
"	Weighman	1	200	2 42	484 00	8
"	Dumpers	2	200	1 80	360 00	8
"	Trimmers	2	200	1 92	384 00	8
"	Blacksmiths	2	200	2 42	484 00	8
"	Greaser	1	200	1 80	360 00	8
10087	Pick miners	4	206	4 29	883 74	8
"	Driver	1	206	2 42	498 52	8
"	Other inside labor	1	206	2 42	498 52	8
10090	Pick miner	1	160	1 75	180 00	8
10082	Driver	1	177	1 25	221 25	8

*3 mines.

TABLE IX4—COAL MINING—COLUMBIANA COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10099	Pick miners	50	116	$2 50	$290 00	8
"	Track layers	2	116	2 42	280 72	8
"	Drivers	5	116	2 42	280 72	8
"	Timbermen	2	116	2 42	280 72	8
"	Cager	1	116	2 42	280 72	8
"	Trapper	1	116	1 13	131 08	8
"	Engineers	5	116	1 89	219 24	8
"	Weighman	1	116	2 00	232 00	8
"	Dumper	1	116	1 89	219 24	8
"	Trimmer	1	116	1 89	219 24	8
"	Blacksmith	1	116	2 42	280 72	8
"	Greaser	1	116	1 89	219 24	8
10100	Machine cutters	6	210	3 23	678 30	8
"	Loaders	30	210	1 93	405 30	8
"	Track layer	1	210	2 70	567 00	8
"	Drivers	3	210	2 45	514 50	8
"	Engineer	1	210	2 25	472 50	8
"	Weighman	1	210	1 29	270 90	8
"	Dumper	1	210	1 80	378 00	8
"	Trimmer	1	210	1 80	378 00	8
"	Blacksmith	1	210	2 25	472 50	8
10101	Machine cutters	4	240	3 00	720 00	8
"	Loaders	50	240	2 50	600 00	8
"	Track layers	2	240	2 42	580 80	8
"	Drivers	12	240	2 42	580 80	8
"	Timberman	1	240	2 42	580 80	8
"	Pumpers	4	240	1 80	432 00	8
"	Cager	1	240	2 42	580 80	8
"	Trappers	3	240	1 06	254 40	8
"	Engineers	3	240	2 42	580 80	8
"	Weighman	1	240	2 23	535 20	8
"	Dumper	1	240	2 00	480 00	8
"	Trimmer	1	240	2 23	535 20	8
"	Blacksmiths	2	240	2 42	580 80	8
"	Greaser	1	240	1 06	254 40	8
"	Other outside labor	2	240	1 89	453 60	8
10102	Pick miners	3	275	2 00	550 00	8
"	Other outside labor	1	275	1 50	412 50	10
10103	Pick miners	3	100	2 00	200 00	8
10104	Pick miners	3	284	1 75	497 00	8
10105	Pick miners	2	244	2 00	488 00	8
"	Driver	1	244	2 00	488 00	8
10106	Pick miners	3	125	2 00	250 00	8
"	Driver	1	125	2 00	250 00	8
10107	Pick miners	3	121	2 00	242 00	8
"	Driver	1	121	2 10	254 10	8
"	Other outside labor	1	121	1 50	181 50	8
*10108	Pick miners	71	216	2 05	434 16	8
"	Machine cutters	6	216	2 96	639 36	8
"	Track layers	2	216	2 42	522 72	8
"	Drivers	4	216	2 42	522 72	8
"	Cager	1	216	2 42	522 72	8
"	Engineers	3	216	2 25	486 00	10
"	Firemen	2	216	1 90	410 40	10
"	Weighmen	2	216	2 25	486 00	8
"	Dumper	2	216	1 75	378 00	8
"	Blacksmith	1	216	2 42	522 72	8
"	Greasers	1	216	1 00	216 00	8
10109	Pick miners	45	147	2 50	367 50	8
"	Track layers	3	147	2 42	355 74	8
"	Drivers	4	147	2 42	355 74	8
"	Engineer	1	147	2 42	355 74	8
"	Dumpers	2	147	2 25	330 75	8
	Trimmers	2	147	1 80	264 60	8
"	Blacksmith	1	147	2 42	355 74	8
10110	Pick miners	2	180	2 00	360 00	8

*2 mines.

TABLE IX4—COAL MINING—COLUMBIANA COUNTY.
—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10111	Pick miners	55	170	$2 13	362 10	8
"	Track layers	7	170	2 40	408 00	8
"	Drivers	7	170	2 51	426 70	8
"	Pumpers	2	170	2 29	389 30	8
"	Other inside labor	1	170	3 92	666 40	8
"	Engineer	1	170	2 49	423 30	8
"	Firemen	2	170	1 95	331 50	8
"	Weighman	1	170	2 01	341 70	8
"	Dumper	1	170	1 85	314 50	8
"	Trimmer	1	170	1 85	314 50	8
"	Blacksmith	1	170	2 49	423 30	8
"	Greaser	1	170	1 85	314 50	8
"	Other outside labor	1	170	1 70	289 00	8
10112	Pick miners	25	93	2 25	209 25	8
"	Track layer	1	93	2 42	225 06	8
"	Drivers	3	93	2 42	225 06	8
"	Weighman	1	93	2 25	209 25	8
"	Trimmer	1	93	1 91	177 63	8
"	Blacksmith	1	93	2 42	225 06	8
"	Greaser	1	93	1 12	104 16	8
"	Other outside labor	1	93	1 91	177 63	8
10113	Pick miners	2	1 00	1 50	150 00	8
10114	Pick miners	60	280	2 05	574 00	8
"	Machine cutters	5	280	2 98	834 40	8
"	Loaders	15	280	2 05	574 00	8
"	Track layers	2	280	2 42	577 60	8
"	Drivers	6	280	2 42	577 60	8
"	Pumper	1	280	2 42	577 60	8
"	Cager	1	280	2 42	577 60	8
"	Trapper	1	280	1 06	296 80	8
"	Other inside labor	1	280	2 42	577 60	8
"	Engineer	1	280	2 00	560 00	8
"	Fireman	1	280	1 80	504 00	8
"	Weighman	1	280	2 00	560 00	8
"	Dumpers	2	280	1 80	504 00	8
"	Trimmer	1	280	1 80	504 00	8
"	Blacksmiths	2	280	2 42	577 60	8
"	Other outside labor	1	280	1 80	504 00	8
10115	Pick miners	72	109	2 25	245 25	8
"	Track layers	5	109	2 45	267 05	8
"	Drivers	7	109	2 42	263 78	8
"	Pumpers	2	109	2 23	243 07	8
"	Other inside labor	1	109	2 42	263 78	8
"	Engineer	1	109	2 42	263 78	8
"	Firemen	2	109	1 89	206 01	8
"	Weighman	1	109	2 23	243 07	8
"	Dumper	1	109	1 80	196 20	8
"	Trimmers	4	109	1 80	196 20	8
"	Blacksmith	1	109	2 42	263 78	8
"	Greaser	1	109	1 80	196 20	8
"	Hostler	1	109	1 80	196 20	8
10116	Pick miners	20	200	2 75	550 00	8
"	Pumper	1	200	2 42	484 00	8
"	Engineer	1	200	2 42	484 00	8
"	Weighman	1	200	2 42	484 00	8
"	Dumper	1	200	1 80	360 00	8
"	Trimmer	1	200	1 80	360 00	8
"	Blacksmith	1	200	2 42	484 00	8
10117	Pick miners	8	225	2 00	450 00	8
"	Driver	1	225	2 40	540 00	8
"	Dumper	1	225	1 80	405 00	8
10118	Pick miners	7	290	2 50	725 00	8
10120	Pick miners	12	300	2 25	675 00	8
"	Drivers	2	300	2 42	726 00	8
"	Weighman	1	300	2 42	726 00	8
10121	Pick miners	6	300	2 50	750 00	8
10122	Pick miners	6	200	2 00	400 00	8
"	Driver	1	200	2 42	484 00	8
10123	Pick miners	6	250	2 23	557 50	8
"	Track layer	1	250	2 42	605 00	8

TABLE IX4—COAL MINING—COLUMBIANA COUNTY.
—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10123	Driver	1	250	$2 42	$605 00	8
"	Dumpers	2	250	1 91	477 50	8
10124	Pick miners	128	230	2 75	632 50	8
"	Track layers	2	230	2 46	565 80	8
"	Drivers	9	230	2 46	565 80	8
"	Pumpers	2	230	2 46	565 80	8
"	Engineer	1	230	2 20	506 00	9
"	Fireman	1	230	2 00	460 00	9
"	Weighman	1	230	2 00	460 00	8
"	Dumpers	2	230	1 83	420 60	8
"	Trimmer	1	230	1 83	420 60	8
"	Carpenter	1	230	2 15	494 50	8
"	Blacksmiths	2	230	2 46	565 80	8
"	Greaser	1	230	1 90	437 00	8
"	Hostler	1	230	1 75	402 50	10
"	Other outside labor	3	230	1 83	420 60	8
10127	Pick miners	18	245	3 00	735 00	8
"	Drivers	2	245	2 42	592 90	8
"	Timberman	1	245	2 42	592 90	8
"	Cager	1	245	2 42	592 90	8
"	Engineer	1	245	2 42	592 90	8
"	Fireman	1	245	2 00	490 00	8
"	Weighman	1	245	2 00	490 00	8
"	Dumper	1	245	1 80	441 00	8
"	Blacksmith	1	245	2 42	592 90	8
10129	Pick miners	12	200	2 43	486 00	7
"	Drivers	2	200	2 50	500 00	7
"	Engineers	2	200	2 50	500 00	8
"	Weighman	1	200	1 85	370 00	7
"	Dumper	1	200	1 85	370 00	7
"	Greaser	1	200	1 00	200 00	7
"	Hostlers	2	200	1 80	360 00	10
*10119	Pick miner	1	185	3 00	555 00	8
"	Machine cutters	12	185	3 00	555 00	8
"	Loaders	160	185	2 50	462 50	8
"	Track layers	4	185	2 42	447 70	8
"	Drivers	13	185	2 42	447 70	8
"	Pumpers	2	185	1 27	234 95	8
"	Cagers	3	185	2 42	447 70	8
"	Trappers	5	185	1 06	196 10	8
"	Other inside labor	8	185	2 23	412 55	8
"	Engineers	2	185	2 57	475 45	8
"	Firemen	2	185	2 50	462 50	8
"	Weighman	1	185	2 50	462 50	8
"	Dumper	1	185	1 40	259 00	8
"	Trimmers	2	185	2 23	412 55	8
"	Carpenter	1	185	2 42	447 70	8
"	Blacksmiths	4	185	2 50	462 50	8
"	Greaser	1	185	1 85	342 25	8
"	Hostler	1	185	2 50	462 50	8
"	Other outside labor	2	185	1 85	342 25	8
10125	Pick miners	4	180	1 25	225 00	8

*2 mines.

TABLE IX5—COAL MINING—COSHOCTON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10141	Pick miners	51	105	$2 73	$286 65	8
"	Track layers	2	105	2 42	254 10	8
"	Drivers	11	105	2 42	254 10	8
"	Timbermen	2	105	2 23	234 15	8
"	Trappers	2	105	1 06	121 30	8
"	Other inside labor	3	105	2 55	267 75	8
"	Engineer	1	105	2 75	288 75	8
"	Weighman	1	105	2 42	254 10	8
"	Dumpers	2	105	1 53	160 65	8
"	Trimmer	1	105	2 12	222 60	8
"	Blacksmith	1	105	2 42	254 10	8
"	Hostler	1	105	1 00	105 00	8
"	Other outside labor	1	105	1 35	141 75	8
10142	Pick miners	45	229	2 48	567 92	8
"	Track layer	1	229	2 42	554 18	8
"	Drivers	6	229	2 42	554 18	8
"	Other inside labor	3	229	2 23	510 67	8
"	Weighman	1	229	2 12	485 48	8
"	Dumpers	2	229	1 35	309 15	8
"	Trimmer	1	229	2 12	485 48	8
"	Blacksmith	1	229	2 65	606 85	8
10143	Pick miners	4	260	2 00	520 00	8
10144	Pick miners	5	200	1 50	300 00	8
"	Driver	1	200	1 50	300 00	8
10145	Pick miners	3	287	2 00	574 00	8
"	Driver	1	287	1 50	430 50	8
"	Other inside labor	1	287	1 75	502 25	8
10146	Pick miners	87	105	2 76	289 80	8
"	Track layers	2	105	2 42	254 10	8
"	Drivers	14	105	2 42	254 10	8
"	Timbermen	2	105	2 23	234 15	8
"	Pumper	1	105	2 23	234 15	8
"	Trapper	3	105	1 06	121 30	8
"	Other inside labor	1	105	2 23	234 15	8
"	Weighman	1	105	2 42	254 10	8
"	Dumpers	3	105	1 53	160 65	8
"	Trimmers	2	105	2 12	222 60	8
"	Blacksmiths	2	105	2 42	254 10	8
"	Hostler	1	105	1 00	105 00	8
"	Other outside labor	1	105	2 00	210 00	8
10147	Pick miners	12	250	2 70	675 00	8
"	Drivers	2	250	2 42	605 00	8
"	Other inside labor	1	250	2 42	605 00	8
10147½	Pick miners	2	50	2 00	100 00	8
"	Driver	1	50	2 42	121 00	8
10148	Pick miners	52	212	2 00	424 00	8
"	Track layers	2	212	2 42	513 04	8
"	Drivers	5	212	2 42	513 04	8
"	Other inside labor	1	212	2 42	513 04	8
"	Engineer	1	212	2 65	561 80	8
"	Weighman	1	212	2 87	608 44	8
"	Dumper	1	212	2 20	466 40	8
"	Trimmer	1	212	2 20	466 40	8
"	Carpenter	1	212	2 50	530 00	8
"	Blacksmith	1	212	2 50	530 00	8
"	Greaser	1	212	1 50	328 00	8
"	Other outside labor	2	212	2 23	472 76	8
10149	Pick miners	7	255	2 23	568 65	8
"	Track layer	1	255	2 42	617 10	8
"	Driver	1	255	2 42	617 10	8
"	Other outside labor	1	255	1 50	382 50	8
*10150	Pick miners	3	277	2 42	670 34	8
"	Driver	1	277	2 42	670 34	8
10152	Machine cutters	8	139	3 00	417 00	8
"	Loaders	48	139	2 00	278 00	8
"	Track layers	2	139	2 42	336 38	8
"	Drivers	6	139	2 42	336 38	8
"	Timberman	1	139	2 42	336 38	8

*2 mines.

TABLE IX5—COAL MINING—COSHOCTON COUNTY —Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10152	Pumpers	2	$139	2 23	$309 97	8
"	Trappers	2	139	1 06	147 34	8
"	Other inside labor	3	139	2 33	309 97	8
"	Engineers	2	139	2 80	389 20	8
"	Weighman	1	139	2 40	333 60	8
"	Dumper	1	139	2 12	294 68	8
"	Trimmers	3	139	2 12	294 68	8
"	Blacksmith	1	139	2 50	347 50	8
"	Greaser	1	139	1 75	243 25	8
"	Hostler	1	139	1 50	208 50	8
"	Other outside labor	1	139	3 00	417 00	8
10153	Pick miners	5	135	2 60	351 00	8
"	Machine cutters	22	135	3 00	405 00	8
"	Loaders	126	135	2 50	337 50	8
"	Track layers	10	135	2 42	326 70	8
"	Drivers	18	135	2 42	326 70	8
"	Timbermen	5	135	2 42	326 70	8
"	Pumpers	5	135	2 42	326 70	8
"	Trappers	3	135	2 42	326 70	8
"	Other inside labor	13	135	2 42	326 70	8
"	Engineers	3	135	2 42	326 70	8
"	Firemen	2	135	2 20	297 00	8
"	Weighman	1	135	2 15	290 25	8
"	Dumpers	8	135	2 00	270 00	8
"	Trimmers	2	135	2 10	283 50	8
"	Carpenters	2	135	2 50	337 50	8
"	Blacksmiths	2	135	2 42	326 70	8
"	Greasers	4	135	1 20	162 00	8
"	Hostlers	2	135	2 42	326 70	8
"	Other outside labor	11	135	2 20	297 00	8
10154	Pick miners	46	182	2 26	411 32	8
"	Track layer	1	182	2 42	440 44	8
"	Drivers	5	182	2 42	440 44	8
"	Timbermen	3	182	2 23	405 86	8
"	Pumper	1	182	2 23	405 86	8
"	Engineer	1	182	3 00	546 00	8
"	Weighman	1	182	2 38	433 16	8
"	Dumper	1	182	1 59	289 38	8
"	Trimmer	1	182	2 23	405 86	8
"	Blacksmith	1	182	2 42	440 44	8
"	Greaser	1	182	1 59	289 38	8
"	Other outside labor	1	182	2 12	385 84	8
10159	Pick miners	3	214	1 50	321 00	9
10160	Pick miners	4	240	2 18	523 20	8
"	Driver	1	240	2 42	580 80	8
10158	Pick miners	50	220	2 37	521 40	8
"	Track layers	2	220	2 42	532 40	8
"	Drivers	4	220	2 42	532 40	8
"	Pumper	1	220	2 23	490 60	8
"	Weighman	1	220	2 50	550 00	8
"	Dumper	1	220	1 75	385 00	8
"	Trimmer	1	220	2 13	468 60	8
"	Blacksmith	1	220	2 42	532 40	8
"	Hostler	1	220	1 75	385 00	8
10151	Pick miners	2	313	1 50	469 50	10

TABLE IX6—COAL MINING—GALLIA COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10165	Pick miners	32	180	$1 70	$306 00	8
"	Drivers	6	180	1 70	306 00	8
"	Weighman	1	180	1 50	270 00	8
"	Dumper	1	180	1 25	225 00	8
"	Trimmer	1	180	1 50	270 00	8
"	Blacksmith	1	180	1 75	315 00	8
"	Hostler	1	180	1 25	225 00	8
10726	Pick miners	20	180	1 50	270 00	8
"	Track layer	1	180	1 50	270 00	8
"	Drivers	2	180	1 50	270 00	8
"	Pumper	1	180	1 25	225 00	8
"	Weighman	1	180	1 25	225 00	8
"	Dumper	1	180	1 25	225 00	8
"	Other outside labor	2	180	1 25	225 00	8

TABLE IX7—COAL MINING—GUERNSEY COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10171	Machine cutters	30	199	$3 66	$728 34	8
"	Loaders	259	199	2 65	527 35	8
"	Track layers	9	199	2 42	481 58	8
"	Drivers	41	199	2 42	481 58	8
"	Timbermen	5	199	2 42	481 58	8
"	Pumpers	4	199	2 23	443 77	8
"	Cagers	8	199	2 42	481 58	8
"	Trappers	13	199	1 06	210 94	8
"	Other inside labor	9	199	2 23	443 77	8
"	Engineers	8	199	2 50	497 50	8
"	Firemen	7	199	2 23	443 77	8
"	Weighmen	2	199	2 55	507 45	8
"	Dumpers	10	199	2 23	443 77	8
"	Trimmers	7	199	2 23	443 77	8
"	Carpenters	2	199	2 52	501 48	8
"	Blacksmiths	4	199	2 70	537 30	8
"	Greaser	1	199	1 33	264 67	8
"	Hostlers	2	199	2 23	443 77	8
"	Other outside labor	1	199	2 23	443 77	8
*10172	Machine cutters	38	215	4 33	930 95	8
"	Loaders	277	215	2 95	634 25	8
"	Track layers	9	215	2 42	520 30	8
"	Drivers	36	215	2 42	520 30	8
"	Timbermen	6	215	2 42	520 30	8
"	Pumpers	6	215	2 36	507 40	8
"	Cagers	5	215	2 36	507 40	8
"	Trappers	23	215	1 06	227 90	8
"	Other inside labor	57	215	2 23	479 45	8
"	Engineers	5	215	2 36	507 40	8
"	Firemen	7	215	2 23	479 45	8
"	Weighmen	2	215	2 25	483 75	8
"	Dumpers	2	215	2 23	479 45	8
"	Trimmers	7	215	2 23	479 45	8
"	Carpenters	3	215	2 76	593 40	8
"	Blacksmiths	5	215	2 76	593 40	8
"	Greasers	2	215	1 25	268 75	8
"	Hostlers	4	215	2 23	479 45	8
"	Other outside labor	8	215	2 23	479 45	8
10173	Machine cutters	8	152	3 25	494 00	8
"	Loaders	26	152	3 28	498 56	8
"	Track layers	2	152	2 42	367 84	8
"	Drivers	12	152	2 42	367 84	8
"	Cagers	3	152	2 42	367 84	8
"	Trappers	2	152	1 06	161 12	8
"	Other inside labor	5	152	2 23	338 96	8
"	Engineers	2	152	2 42	367 84	12
"	Firemen	2	152	2 23	338 96	12
"	Weighman	1	152	2 60	395 20	8
"	Dumper	1	152	2 23	338 96	8
"	Trimmers	3	152	2 23	338 96	8
"	Blacksmith	1	152	2 75	418 00	8
"	Other outside labor	2	152	2 23	338 96	8
10174	Machine cutters	12	169	3 50	591 50	8
"	Loaders	109	169	3 00	507 00	8
"	Track layers	4	169	2 42	408 98	8
"	Drivers	30	169	2 42	408 98	8
"	Timberman	1	169	2 42	408 98	8
"	Pumper	1	169	1 33	224 77	8
"	Cagers	2	169	2 42	408 98	8
"	Trappers	10	169	1 06	179 14	8
"	Other inside labor	36	169	2 23	376 87	8
"	Engineers	4	169	2 23	376 87	8
"	Fireman	1	169	2 23	376 87	8
"	Weighman	1	169	2 35	397 15	8
"	Trimmers	3	169	2 23	376 87	8
"	Carpenter	1	169	2 23	376 87	8
"	Blacksmiths	3	169	2 65	447 85	8

*2 mines.

TABLE IX7—COAL MINING—GUERNSEY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10174	Greaser	1	169	$1 33	$224 77	8
"	Hostlers	2	169	1 67	282 23	8
"	Other outside labor	3	196	1 87	316 03	8
10175	Machine cutters	16	250	3 69	922 50	8
"	Loaders	134	250	2 26	565 00	8
"	Track layers	4	250	2 42	605 00	8
"	Drivers	18	250	2 42	605 00	8
"	Timbermen	2	250	2 42	605 00	8
"	Pumpers	3	250	2 15	537 50	8
"	Cagers	4	250	2 28	570 00	8
"	Trappers	6	250	1 06	265 00	8
"	Other inside labor	8	250	2 32	580 00	8
"	Engineers	2	250	2 70	675 00	8
"	Firemen	3	250	2 23	557 50	8
"	Weighman	1	250	2 70	675 00	8
"	Dumpers	3	250	2 23	557 50	8
"	Trimmer	1	250	2 42	605 00	8
"	Blacksmiths	2	250	2 44	610 00	8
"	Hostler	1	250	2 00	500 00	8
	Other outside labor	2	250	2 23	557 50	8
10177	Machine cutters	16	180	4 65	837 00	8
	Loaders	116	180	3 26	586 80	8
"	Track layers	4	180	2 42	435 60	8
"	Drivers	13	180	2 42	435 60	8
"	Timbermen	2	180	2 42	435 60	8
"	Pumper	1	180	2 42	435 60	8
"	Cagers	4	180	2 42	435 60	8
"	Trappers	5	180	1 06	190 80	8
"	Other inside labor	3	180	2 64	475 20	8
"	Engineers	2	180	3 07	552 60	8
"	Fireman	1	180	2 23	401 40	8
"	Weighman	1	180	2 70	486 00	9
"	Dumpers	4	180	2 23	401 40	8
"	Trimmers	3	180	2 23	401 40	8
"	Carpenter	1	180	2 42	435 60	8
"	Blacksmiths	2	180	2 93	527 40	8
"	Greaser	1	180	1 65	297 00	8
"	Hostler	1	180	2 00	360 00	8
10178	Pick miners	9	175	1 75	306 25	8
"	Driver	1	175	2 42	423 50	8
*10179	Machine cutters	6	60	2 75	165 00	8
"	Loaders	64	60	2 60	156 00	8
"	Track layers	4	60	2 42	145 20	8
"	Drivers	6	60	2 42	145 20	8
"	Timbermen	2	60	2 42	145 20	8
"	Pumpers	2	60	2 23	133 80	8
"	Trappers	5	60	1 07	64 20	8
"	Other inside labor	8	60	2 23	133 80	8
"	Engineers	2	60	2 65	159 00	8
"	Weighmen	2	60	2 40	144 00	8
"	Dumpers	2	60	2 23	133 80	8
"	Trimmer	1	60	2 23	133 80	8
"	Carpenters	2	60	2 39	143 40	8
"	Blacksmith	1	60	2 65	159 00	8
"	Hostler	1	60	2 23	133 80	8
"	Other outside labor	4	60	2 23	133 80	8
10180	Pick miners	48	133	2 80	372 40	8
"	Track layers	2	133	2 42	321 86	8
"	Drivers	6	133	2 42	321 86	8
"	Trapper	1	133	1 06	140 98	8
"	Engineer	1	133	2 86	380 38	8
"	Fireman	1	133	2 23	296 59	8
"	Weighman	1	133	2 25	299 25	8
"	Dumper	1	133	2 23	296 59	8
"	Trimmers	2	133	2 23	296 59	8
"	Blacksmith	1	133	2 66	353 78	8
"	Hostler	1	133	1 00	133 00	8
†10181	Pick miners	44	228	3 20	729 60	8

*2 mines; †4 mines.

TABLE IX7—COAL MINING—GUERNSEY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10181	Machine cutters	40	228	$3 50	$798 00	8
"	Loaders	380	228	2 40	547 20	8
"	Track layers	20	228	2 42	551 76	8
"	Drivers	75	228	2 42	551 76	8
"	Timbermen	10	228	2 42	551 76	8
"	Pumpers	10	228	2 23	508 44	8
"	Cagers	8	228	2 42	551 76	8
"	Trappers	30	228	1 06	241 68	8
"	Other inside labor	29	228	2 23	508 44	8
"	Engineers	10	228	2 50	570 00	8
"	Firemen	12	228	2 23	508 44	8
"	Weighmen	4	228	2 50	570 00	8
"	Trimmers	11	228	2 23	508 44	8
"	Carpenters	3	228	2 40	547 20	8
"	Blacksmiths	7	228	2 65	604 20	8
"	Greasers	4	228	1 40	319 20	8
"	Hostlers	4	228	2 42	551 76	8
"	Other outside labor	8	228	2 23	508 44	8
10183	Machine cutters	6	145	3 75	543 75	8
"	Loaders	65	145	3 03	439 35	8
"	Track layers	2	145	2 42	350 90	8
"	Drivers	6	145	2 42	350 90	8
"	Cagers	2	145	2 42	350 90	8
"	Trappers	2	145	1 06	153 70	8
"	Engineers	2	145	2 30	333 50	2
"	Fireman	1	145	2 23	323 35	8
"	Weighman	1	145	2 36	342 20	8
"	Trimmers	2	145	2 23	323 35	8
"	Blacksmith	1	145	2 65	384 25	8
10185	Machine cutters	148	146	2 93	427 78	8
"	Track layers	2	146	2 42	353 32	8
"	Drivers	16	146	2 42	353 32	8
"	Timbermen	3	146	2 42	353 32	8
"	Pumper	1	146	2 23	325 58	8
"	Cagers	2	146	2 42	353 32	8
"	Trappers	5	146	1 06	154 76	8
"	Other inside labor	2	146	2 42	353 32	8
"	Engineers	2	146	2 88	420 48	10
"	Firemen	4	146	2 23	325 58	10
"	Weighman	1	146	2 23	325 58	8
"	Trimmers	2	146	2 23	325 58	8
"	Carpenter	1	146	2 39	348 94	8
"	Blacksmith	1	146	3 00	438 00	8
"	Greaser	1	146	1 32	192 72	8
"	Hostler	1	146	2 04	297 84	12
"	Other outside labor	3	146	2 23	325 58	8
10186	Pick miners	30	212	2 25	477 00	8
"	Machine cutters	6	212	3 15	667 80	8
"	Loaders	20	212	2 00	424 00	8
"	Track layers	2	212	2 42	513 04	8
"	Drivers	3	212	2 42	513 04	8
"	Pumper	1	212	2 23	472 76	8
"	Trappers	2	212	1 06	224 72	8
"	Engineer	1	212	2 25	477 00	9
"	Fireman	1	212	2 00	424 00	9
"	Weighman	1	212	2 00	424 00	8
"	Trimmer	1	212	2 12	449 44	8
"	Blacksmith	1	212	2 42	513 04	8
"	Greaser	1	212	1 87	396 44	8
"	Hostler	1	212	1 25	265 00	9
10187	Pick miners	61	167	2 66	444 22	8
"	Machine cutters	6	167	4 75	793 25	8
"	Drivers	8	167	2 56	427 52	8
"	Timbermen	2	167	2 56	427 52	8
"	Pumpers	3	167	2 36	394 12	8
"	Cager	1	167	2 56	427 52	8
"	Trappers	3	167	1 06	177 02	8

TABLE IX7—COAL MINING—GUERNSEY COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10187	Other inside labor	6	167	$2 56	$427 52	8
"	Engineers	2	167	2 75	459 25	8
"	Firemen	3	167	2 36	394 12	8
"	Weighman	1	167	2 36	394 12	8
"	Dumpers	2	167	2 36	394 12	8
"	Trimmers	3	167	2 36	394 12	8
"	Carpenters	2	167	2 75	459 25	8
"	Blacksmith	1	167	3 00	501 00	8
"	Hostler	1	167	2 00	334 00	8
"	Other outside labor	4	167	2 36	394 12	8
10191	Pick miners	30	18	2 17	39 06	8
"	Track layer	1	18	2 42	43 56	8
"	Drivers	2	18	2 42	43 56	8
"	Weighman	1	18	1 50	27 00	8
"	Dumper	1	18	1 50	27 00	8
"	Trimmer	1	18	2 12	38 16	8
"	Blacksmith	1	18	2 42	43 56	8

TABLE IX8—COAL MINING—HARRISON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10194	Pick miner	1	50	$1 50	$75 00	8
10196	Pick miner	1	130	2 50	325 00	8
10198	Pick miner	1	175	1 60	280 00	8
10199	Pick miners	256	144	3 29	473 76	7.2
"	Track layers	2	144	2 42	348 48	8
"	Drivers	20	144	2 42	348 48	8
"	Timbermen	2	144	2 42	348 48	8
"	Pumper	1	144	1 50	216 00	8
"	Trappers	4	144	1 06	152 64	8
"	Other inside labor	12	144	2 44	351 36	8.3
"	Engineer	1	144	2 88	414 72	10
"	Firemen	2	144	2 02	290 88	10
"	Weighman	1	144	2 36	339 84	9
"	Dumper	1	144	2 02	290 88	8
"	Trimmers	6	144	1 78	256 32	8
"	Carpenter	1	144	2 36	339 84	8
"	Blacksmiths	2	144	2 36	339 84	8
"	Hostlers	2	144	2 12	305 28	12
"	Other outside labor	16	144	1 68	241 92	8
10200	Pick miner	1	100	2 50	250 00	8
10202	Pick miners	3	300	1 60	480 00	8
10203	Pick miners	45	89	1 81	161 09	8
"	Track layers	2	89	2 36	210 04	8
"	Drivers	5	89	2 56	227 84	8
"	Timberman	1	89	2 56	227 84	8
"	Pumper	1	89	2 56	227 84	8
"	Cager	1	89	1 68	149 52	8
"	Trappers	2	89	1 13	100 57	8
"	Engineer	1	89	2 25	200 25	8
"	Weighmen	1	89	1 50	133 50	8
"	Trimmer	1	89	1 50	133 50	8
10204	Pick miners	52	178	2 25	400 50	8
"	Machine cutters	5	178	2 75	489 50	8
"	Loaders	41	178	2 46	437 88	8
"	Track layers	2	178	2 46	437 88	8
"	Drivers	8	176	2 46	432 96	8
"	Timbermen	2	176	2 46	432 96	8
"	Pumpers	2	176	1 75	308 00	8
"	Trappers	2	176	1 08	190 08	8
"	Other inside labor	1	176	2 23	392 48	8
"	Engineers	2	176	2 34	411 84	12
"	Firemen	2	176	2 00	352 00	12
"	Weighman	1	176	2 30	404 80	8
"	Dumpers	3	176	1 90	334 40	8
"	Trimmers	2	176	1 90	334 40	8
"	Blacksmith	1	176	2 80	492 80	8
"	Greaser	1	176	1 90	334 40	8
"	Hostler	1	176	1 66	292 16	10
"	Other outside labor	5	176	1 50	264 00	8
10209	Pick miners	4	194	2 42	469 48	8
"	Track layers	2	194	2 42	469 48	8
"	Driver	1	194	2 42	469 48	8
"	Engineer	1	194	1 70	329 80	10
"	Dumper	1	194	1 50	291 00	8
"	Other outside labor	2	194	1 50	291 00	8
10195	Pick miners	6	300	2 00	600 00	8
10201	Pick miner	1	60	1 50	90 00	5
10206	Pick miners	35	160	2 25	360 00	8
"	Track layer	1	160	2 42	387 20	8
"	Drivers	2	160	2 42	387 20	8
"	Trapper	1	160	1 06	169 60	8
"	Engineer	1	160	2 20	352 00	8
"	Weighman	1	160	2 42	387 20	8
"	Dumpers	2	160	1 89	302 40	8
"	Trimmer	1	160	1 89	302 40	8
"	Blacksmith	1	160	2 42	387 20	8

TABLE IX9—COAL MINING—HOCKING COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10212-1	Machine cutters	10	211	$4 72	$995 92	8
"	Loaders	109	211	2 66	561 26	8
"	Track layers	2	211	2 61	550 71	8
"	Drivers	10	211	2 42	510 62	8
"	Timberman	1	211	2 42	510 62	8
"	Pumper	1	211	2 42	510 62	8
"	Trappers	8	211	1 06	223 66	8
"	Other inside labor	2	211	2 42	510 62	8
"	Engineer	1	211	2 25	474 75	8
"	Weighman	1	211	1 85	390 35	8
"	Dumpers	2	211	2 23	470 53	8
"	Trimmers	5	211	2 23	470 53	8
"	Hostlers	2	211	2 23	470 53	8
"	Other outside labor	1	211	4 00	844 00	8
*10212-2	Machine cutters	30	214	4 57	977 98	8
"	Loaders	368	214	2 80	599 20	8
"	Track layers	8	214	2 61	558 54	8
"	Drivers	26	214	2 42	517 88	8
"	Timbermen	2	214	2 42	517 88	8
"	Pumpers	2	214	2 23	477 22	8
"	Trappers	20	214	1 06	226 84	8
"	Other inside labor	19	214	2 45	524 30	8
"	Engineers	4	214	2 25	481 50	8
"	Firemen	8	214	2 23	477 22	8
"	Weighmen	2	214	1 83	391 62	8
"	Dumpers	2	214	2 23	477 22	8
"	Trimmers	13	214	2 23	477 22	8
"	Carpenters	2	214	2 42	517 88	8
"	Blacksmiths	3	214	2 63	562 82	8
"	Greaser	1	214	1 79	383 06	8
"	Other outside labor	8	214	2 05	438 70	8
10212-3	Machine cutters	6	38	4 30	163 40	8
"	Loaders	90	38	4 00	152 00	8
"	Track layers	2	38	2 66	101 08	8
"	Drivers	6	38	2 42	91 96	8
"	Timberman	1	38	2 42	91 96	8
"	Pumper	1	38	2 42	91 96	8
"	Trappers	2	38	1 06	40 28	8
"	Other inside labor	10	38	2 42	91 96	8
"	Engineers	2	38	2 25	85 50	8
"	Firemen	2	38	2 23	84 74	8
"	Weighman	1	38	1 83	69 54	8
"	Dumper	1	38	2 42	91 96	8
"	Trimmers	4	38	2 23	84 74	8
"	Carpenter	1	38	2 65	100 70	8
"	Blacksmith	1	38	2 65	100 70	8
"	Greaser	1	38	1 33	50 54	8
"	Hostler	1	38	1 57	60 16	8
"	Other outside labor	1	38	2 42	91 96	8
†10213	Pick miners	8	200	2 71	542 00	8
"	Machine cutters	31	200	4 41	882 00	8
"	Loaders	278	200	2 65	530 00	8
"	Track layers	6	200	2 42	484 00	8
"	Drivers	31	200	2 42	484 00	8
"	Timbermen	11	200	2 42	484 00	8
"	Pumpers	2	200	2 23	446 00	8
"	Trappers	14	200	1 06	212 00	8
"	Other inside labor	37	200	2 23	446 00	8
"	Engineers	3	200	2 63	526 00	8
"	Firemen	2	200	2 23	446 00	8
"	Weighmen	3	200	2 00	400 00	8
"	Dumpers	7	200	2 23	446 00	8
"	Trimmers	13	200	2 27	454 00	8
"	Carpenters	3	200	2 50	500 00	8
"	Blacksmiths	6	200	3 00	600 00	8
"	Greasers	5	200	1 33	266 00	8
"	Hostlers	2	200	2 00	400 00	8
"	Other outside labor	7	200	2 23	446 00	8

*2 mines.
†3 mines.

TABLE IX9—COAL MINING—HOCKING COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10214	Pick miners	172	212	$3 12	$661 44	8
"	Machine cutters	98	212	4 31	913 72	8
"	Loaders	930	212	2 35	498 20	8
"	Track layers	21	212	2 42	513 04	8
"	Drivers	90	212	2 42	513 04	8
"	Timbermen	6	212	2 42	513 04	8
"	Pumpers	6	212	2 42	513 04	8
"	Trappers	57	212	1 06	224 72	8
"	Other inside labor	64	212	2 42	513 04	8
"	Engineers	16	212	2 34	496 08	8
"	Firemen	9	212	2 23	472 76	8
"	Weighmen	6	212	2 00	424 00	8
"	Dumpers	6	212	2 47	523 64	8
"	Trimmers	48	212	2 23	472 76	8
"	Carpenters	9	212	2 65	561 80	8
"	Blacksmiths	8	212	3 04	644 48	8
"	Greasers	6	212	1 33	281 96	8
"	Hostlers	7	212	2 00	424 00	8
"	Other outside labor	42	212	2 23	472 76	8
‡10215	Pick miners	10	200	4 00	800 00	8
"	Loaders	10	200	3 00	600 00	8
"	Track layer	1	200	2 18	436 00	8
"	Drivers	3	200	2 35	570 00	8
"	Timberman	1	200	2 18	436 00	8
"	Engineer	1	200	3 00	600 00	8
"	Dumpers	2	200	2 10	420 00	8
"	Trimmers	3	200	2 10	420 00	8
"	Blacksmith	1	200	2 50	500 00	8

*6 mines; ‡2 mines.

TABLE IX10—COAL MINING—HOLMES COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10224	Pick miners	10	250	$1 80	$450 00	8
*10226	Pick miners	10	200	2 00	400 00	6
"	Track layer	1	200	1 50	300 00	6
"	Driver	1	200	1 50	300 00	6
"	Weighman	1	200	1 50	300 00	10
10227	Pick miners	4	70	1 50	105 00	8
10228	Pick miners	16	195	2 50	487 50	8
"	Track layer	1	195	2 42	471 90	8
"	Drivers	2	195	2 42	471 90	8
"	Engineer	1	195	2 00	390 00	8
"	Weighman	1	195	1 80	351 00	8
"	Dumper	1	195	1 50	292 50	8
"	Blacksmith	1	195	2 42	471 90	8
10229	Pick miners	8	200	2 50	500 00	7
10225	Pick miners	2	260	1 68	436 80	8
10230	Pick miners	4	200	1 75	350 00	8

*2 mines.

TABLE IXII—COAL MINING—JACKSON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10237	Pick miners	36	269	$2 56	$688 64	8
"	Machine cutters	20	269	3 53	949 57	8
"	Loaders	86	269	2 74	737 06	8
"	Track layers	4	269	2 18	586 44	8
"	Drivers	23	269	1 95	524 55	8
"	Timbermen	3	269	2 18	586 44	8
"	Pumpers	2	269	1 95	524 55	12
"	Cagers	3	269	2 30	618 70	8
"	Trappers	6	269	95	255 55	8
"	Other inside labor	9	269	1 95	524 55	8
"	Engineers	3	269	2 75	739 75	12
"	Firemen	2	269	2 20	591 80	12
"	Weighman	1	269	2 60	699 40	8
"	Dumpers	3	269	1 95	524 55	8
"	Trimmers	6	269	2 10	564 90	8
"	Carpenter	1	269	2 50	672 50	8
"	Blacksmiths	3	269	2 65	712 85	8
"	Greasers	3	269	1 18	317 42	8
"	Other outside labor	10	269	1 95	524 55	8
10238	Pick miners	23	240	2 77	664 80	8
"	Track layers	2	240	2 18	523 20	8
"	Drivers	5	240	1 95	468 00	8
"	Pumper	1	240	1 95	468 00	8
"	Cager	1	240	2 30	552 00	8
"	Other inside labor	1	240	2 75	660 00	10
"	Engineer	1	240	2 80	672 00	10
"	Weighman	1	240	2 55	612 00	8
"	Trimmers	2	240	2 00	480 00	8
"	Blacksmith	1	240	2 40	576 00	8
"	Greaser	1	240	1 18	283 20	8
"	Other outside labor	2	240	2 47	592 80	9
*10239	Pick miners	12	184	2 40	441 60	8
"	Machine cutters	6	184	2 31	425 04	8
"	Loaders	24	184	2 48	456 32	8
"	Track layers	2	184	2 18	401 12	8
"	Drivers	5	184	1 95	358 50	8
"	Cager	1	184	1 95	358 50	8
"	Trapper	1	184	1 00	184 00	8
"	Other inside labor	6	184	1 95	358 50	8
"	Engineers	2	184	2 50	460 00	8
"	Weighman	1	184	2 00	368 00	8
"	Dumper	1	184	1 95	358 50	8
"	Trimmer	1	184	1 95	358 50	8
"	Blacksmith	1	184	2 35	432 40	8
"	Greaser	1	184	1 00	184 00	8
10240	Pick miners	6	148	3 25	481 00	8
"	Driver	1	148	2 00	296 00	8
"	Other outside labor	1	148	2 00	296 00	8
10241	Pick miners	7	107	2 50	267 50	8
"	Track layer	1	107	2 18	233 26	8
"	Drivers	3	107	1 95	208 65	8
"	Engineer	1	107	2 06	220 42	8
"	Weighman	1	107	1 95	208 65	8
10242	Pick miners	43	243	2 46	597 78	8
"	Machine cutters	8	243	3 69	896 67	8
"	Loaders	8	243	2 63	639 09	8
"	Track layers	2	243	2 18	529 74	8
"	Drivers	7	243	1 95	473 85	8
"	Timbermen	2	243	2 18	529 74	8
"	Pumpers	2	243	1 95	473 85	8
"	Cagers	2	243	2 30	558 90	8
"	Trappers	3	243	95	230 85	8
"	Other inside labor	1	243	1 95	473 85	8
"	Engineers	2	243	2 80	680 40	12
"	Firemen	2	243	2 15	522 45	12
"	Weighmen	2	243	2 55	619 65	8
"	Dumpers	3	243	1 95	473 85	8
"	Trimmers	3	243	2 00	486 00	8

*2 mines.

TABLE IXII—COAL MINING—JACKSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10242	Blacksmiths	2	243	$2 60	$631 80	8
"	Greasers	2	243	1 18	286 74	8
"	Hostlers	2	243	1 81	439 83	8
"	Other outside labor	2	243	1 95	473 85	8
*10244	Pick miners	22	100	2 00	200 00	8
"	Drivers	2	100	1 95	195 00	8
10245	Machine cutters	2	30	2 31	69 30	8
"	Loaders	4	30	2 45	73 50	8
"	Other inside labor	1	30	1 95	58 50	8
10246	Pick miners	22	106	3 57	378 42	8
"	Machine cutters	4	106	2 30	243 80	8
"	Loaders	24	106	2 02	214 12	8
"	Track layer	1	106	1 95	206 70	8
"	Drivers	3	106	1 95	206 70	8
"	Timberman	1	106	1 95	206 70	8
"	Pumper	1	106	1 95	206 70	8
"	Trappers	2	106	95	100 70	8
"	Engineer	1	106	2 00	212 00	8
"	Weighman	1	106	1 75	185 50	8
"	Trimmers	2	106	1 95	206 70	8
"	Blacksmith	1	106	2 18	231 08	8
†10248	Pick miners	85	201	2 46	494 46	8
"	Machine cutters	20	201	2 85	572 85	8
"	Loaders	130	201	3 10	623 10	8
"	Track layers	5	201	2 27	456 27	8
"	Drivers	20	201	1 97	395 97	8
"	Cagers	4	201	2 12	426 12	8
"	Trappers	4	201	96	192 96	8
"	Other inside labor	50	201	1 97	395 97	8
"	Engineers	4	201	2 88	578 88	8
"	Firemen	3	201	1 75	351 75	8
"	Weighmen	3	201	1 97	395 97	8
"	Dumpers	5	201	1 97	395 97	8
"	Trimmers	5	201	1 97	395 97	8
"	Blacksmiths	5	201	2 42	486 42	8
"	Greasers	2	201	96	192 96	8
†10250	Pick miners	131	193	2 97	573 21	8
"	Machine cutters	4	193	2 36	455 48	8
"	Loaders	30	193	3 29	634 97	8
"	Track layers	4	193	2 25	434 25	8
"	Drivers	25	193	2 00	386 00	8
"	Timbermen	5	193	2 00	386 00	8
"	Pumpers	4	193	2 00	386 00	8
"	Cagers	4	193	2 10	405 30	8
"	Trappers	3	193	97	187 21	8
"	Engineers	3	193	2 30	443 60	8
"	Firemen	2	193	2 00	386 00	8
"	Weighmen	3	193	2 33	449 69	8
"	Dumpers	3	193	2 00	386 00	8
"	Trimmers	5	193	2 00	386 00	8
"	Carpenter	1	193	2 30	443 60	8
"	Blacksmiths	3	193	2 50	482 50	8
"	Greasers	2	193	1 15	221 95	8
"	Other outside labor	3	193	1 70	328 10	8
‡10251	Pick miners	493	191	3 07	586 37	8
"	Machine cutters	60	191	2 78	530 98	8
"	Loaders	181	191	4 27	815 57	8
"	Track layers	23	191	2 18	416 38	8
"	Drivers	225	191	1 95	372 45	8
"	Timbermen	8	191	2 18	416 38	8
"	Pumpers	5	191	1 95	372 45	8
"	Cagers	15	191	2 18	416 38	8
"	Trappers	80	191	95	181 45	8
"	Other inside labor	114	191	1 95	372 45	8
"	Engineers	8	191	2 00	382 00	8
"	Firemen	5	191	1 95	372 45	8
"	Weighmen	9	191	1 83	349 53	8

*2 mines; †3 mines.
‡7 mines.

TABLE IXII—COAL MINING—JACKSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10251	Dumpers	2	191	$2 18	$416 38	8
"	Trimmers	25	191	1 95	372 45	8
"	Carpenters	6	191	2 50	477 50	8
"	Blacksmiths	14	191	2 42	462 22	8
"	Greasers	8	191	1 17	223 47	8
"	Hostlers	7	191	1 83	349 53	8
"	Other outside labor	63	191	1 95	372 45	8
10253	Pick miners	3	200	2 00	400 00	8
10254	Pick miners	125	192	2 50	480 00	8
"	Machine cutters	4	192	3 00	576 00	8
"	Loaders	10	192	2 50	480 00	8
"	Track layers	2	192	2 18	418 56	8
"	Drivers	18	192	1 95	374 40	8
"	Pumper	1	192	2 00	384 00	8
"	Cagers	2	192	2 18	418 56	8
"	Trappers	7	192	95	182 40	8
"	Engineer	1	192	2 75	528 00	8
"	Fireman	1	192	2 00	384 00	8
"	Weighman	1	192	2 05	393 60	8
"	Trimmers	2	192	1 95	374 40	8
"	Carpenter	1	192	2 30	441 60	9
"	Blacksmith	1	192	2 41	462 72	9
"	Greaser	1	192	95	182 40	8
"	Hostler	1	192	1 80	345 60	8
"	Other outside labor	4	192	1 95	374 40	8
10255	Pick miners	15	30	2 42	72 60	8
"	Track layer	1	30	3 00	90 00	8
"	Drivers	2	30	1 50	45 00	8
"	Engineer	1	30	2 25	67 50	8
"	Weighman	1	30	1 95	58 50	8
"	Blacksmith	1	30	2 25	67 50	8
10256	Pick miners	35	156	1 85	288 60	8
"	Track layer	1	156	2 18	340 08	8
"	Drivers	12	156	1 95	304 20	8
"	Trappers	2	156	95	148 20	8
"	Other inside labor	2	156	1 95	304 20	8
"	Weighman	1	156	1 95	304 20	8
"	Blacksmith	1	156	1 95	304 20	8
"	Greaser	1	156	1 00	156 00	8
10257	Pick miners	30	86	2 75	236 50	8
"	Drivers	2	86	1 95	167 70	8
"	Other inside labor	1	86	1 95	167 70	8
"	Weighman	1	86	2 18	187 48	8
"	Trimmer	1	86	2 18	187 48	8
*10258	Pick miners	110	119	2 65	315 35	8
"	Track layers	2	119	2 25	267 75	8
"	Drivers	18	119	1 95	232 05	8
"	Pumper	1	119	2 18	259 42	8
"	Cager	1	119	1 95	232 05	8
"	Trappers	4	119	95	113 05	8
"	Other inside labor	12	119	1 95	232 05	8
"	Engineer	1	119	2 18	259 42	8
"	Firemen	1	119	1 95	232 05	8
"	Weighman	2	119	1 95	232 05	8
"	Dumpers	2	119	1 95	232 05	8
"	Trimmers	2	119	1 95	232 05	8
"	Blacksmiths	2	119	2 35	279 65	8
"	Greaser	1	119	95	113 05	8
"	Other outside labor	1	119	1 95	232 05	8
10259	Pick miners	75	186	2 70	502 20	8
"	Track layers	2	186	2 18	405 48	8
"	Drivers	10	186	1 95	362 70	8
"	Timbermen	2	186	2 18	405 48	8
"	Cagers	2	186	1 95	362 70	8
"	Trappers	7	186	95	176 70	8
"	Engineer	1	186	2 00	372 00	8
"	Fireman	1	186	1 75	325 50	8

*2 mines.

TABLE IXII—COAL MINING—JACKSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10259	Weighman	1	186	$2 15	$399 90	8
"	Trimmer	1	186	1 95	362 70	8
"	Blacksmith	1	186	2 35	437 10	8
10260	Pick miners	11	200	2 42	484 00	8
"	Track layer	1	200	2 00	400 00	8
"	Drivers	3	200	1 95	390 00	8
"	Engineer	1	200	2 25	450 00	8
"	Weighman	1	200	2 15	430 00	8
"	Trimmers	2	200	1 95	390 00	8
"	Blacksmith	1	200	2 25	450 00	8
10261	Pick miners	20	240	1 75	420 00	8
10262	Pick miners	34	173	2 25	389 25	8
"	Machine cutters	4	173	2 36	408 28	8
"	Loaders	9	173	1 95	337 35	8
"	Track layer	1	173	2 18	377 14	8
"	Drivers	5	173	1 95	337 35	8
"	Cager	1	173	1 95	337 35	8
"	Trappers	4	173	95	164 35	8
"	Engineer	1	173	2 18	377 14	8
"	Weighman	1	173	1 95	337 35	8
"	Dumpers	2	173	1 95	337 35	8
"	Trimmer	1	173	1 95	337 35	8
"	Blacksmith	1	173	2 18	377 14	8
"	Greaser	1	173	95	164 35	8
"	Hostler	1	173	1 80	311 40	8
10263	Pick miner	1	100	2 42	242 00	8
10264	Pick miners	25	88	2 42	212 96	8
"	Track layer	1	88	2 18	212 96	8
"	Drivers	3	88	1 95	171 60	8
"	Other inside labor	5	88	1 95	171 60	8
"	Engineer	1	88	2 00	176 00	8
"	Weighman	1	88	2 00	176 00	8
"	Dumper	1	88	1 95	171 60	8
"	Trimmers	2	88	1 95	171 60	8
"	Blacksmith	1	88	2 42	212 96	8
"	Greaser	1	88	1 25	110 00	8
10265	Pick miners	8	100	1 54	154 00	8
"	Track layer	1	100	2 31	231 00	8
"	Drivers	2	100	1 95	195 00	8
"	Weighman	1	100	1 95	195 00	8
"	Trimmers	2	100	1 95	195 00	8
"	Blacksmith	1	100	2 42	242 00	8
10266	Pick miners	10	185	2 25	416 25	8
10267	Machine cutters	2	120	2 36	283 20	8
"	Loaders	10	120	1 95	234 00	8
"	Drivers	2	120	1 95	234 00	8
"	Engineer	1	120	2 00	240 00	8
"	Weighman	1	120	1 95	234 00	8
"	Dumper	1	120	1 25	150 00	8
"	Trimmers	2	120	1 95	234 00	8
"	Blacksmith	1	120	2 42	290 40	8
10268	Pick miners	18	180	2 50	450 00	8
"	Loader	1	180	1 95	351 00	8
"	Track layer	1	180	1 95	351 00	8
"	Drivers	2	180	1 95	351 00	8
"	Trapper	1	180	1 00	180 00	8
"	Weighman	1	180	1 95	351 00	8
"	Dumpers	2	180	1 95	351 00	8
"	Blacksmith	1	180	1 95	351 00	8
10270	Pick miners	35	182	1 73	314 86	8
"	Track layer	1	182	2 18	396 76	8
"	Drivers	3	182	1 95	354 90	8
"	Other inside labor	3	182	1 95	354 90	8
"	Dumper	1	182	1 95	354 90	8
"	Trimmers	2	182	1 95	354 90	8
"	Blacksmith	1	182	1 75	318 50	8
10271	Pick miners	40	227	2 00	454 00	8
"	Track layer	1	227	2 18	494 86	8
"	Drivers	6	227	1 95	442 65	8

TABLE IX11—COAL MINING—JACKSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10271	Pumper	1	227	$1 56	$354 12	8
"	Other inside labor	7	227	1 95	442 65	8
"	Engineer	1	227	2 15	488 05	8
"	Weighman	1	227	1 85	419 95	8
"	Trimmer	1	227	1 57	356 39	8
"	Blacksmith	1	227	1 80	408 60	8
"	Greaser	1	227	1 48	335 96	8
10272	Pick miners	18	100	2 77	277 00	8
"	Track layer	1	100	2 18	218 00	8
"	Drivers	2	100	1 95	195 00	8
"	Engineer	1	100	2 15	215 00	8
"	Weighman	1	100	2 00	200 00	8
"	Trimmer	1	100	1 95	195 00	8
"	Blacksmith	1	100	2 25	225 00	8
10274	Machine cutters	2	120	2 20	264 00	8
"	Loaders	9	120	2 00	240 00	8
"	Driver	1	120	1 95	234 00	8
"	Engineer	1	120	2 00	240 00	8
"	Weighman	1	120	1 95	234 00	8
"	Trimmer	1	120	1 95	234 00	8
*10275	Pick miners	65	165	2 48	409 20	8
"	Track layers	2	165	2 18	359 70	8
"	Drivers	11	165	1 95	321 75	8
"	Pumper	1	165	1 95	321 75	8
"	Cagers	2	165	1 95	321 75	8
"	Trappers	2	165	95	156 75	8
"	Engineers	2	165	2 18	359 70	8
"	Dumper	1	165	1 95	321 75	8
"	Trimmer	1	165	1 95	321 75	8
"	Blacksmith	1	165	2 28	376 20	8
10277	Machine cutters	2	78	1 95	152 10	8
"	Loaders	10	78	2 30	179 40	8
"	Track layer	1	78	2 18	170 04	8
"	Driver	1	78	1 95	152 10	8
"	Weighman	1	78	1 95	152 10	8
"	Trimmer	1	78	1 95	152 10	8
"	Blacksmith	1	78	2 00	156 00	8
10279	Pick miners	8	46	2 42	111 32	8
"	Track layer	1	46	2 42	111 32	8
"	Driver	1	46	1 95	43 70	8
"	Timberman	1	46	2 00	92 00	8
"	Other inside labor	2	46	2 42	111 32	8
10280	Machine cutters	4	200	2 75	550 00	8
"	Loaders	12	200	2 00	400 00	8
"	Track layer	1	200	2 18	436 00	8
"	Drivers	4	200	1 95	390 00	8
"	Cager	1	200	1 95	390 00	8
"	Trappers	3	200	95	190 00	8
"	Engineer	1	200	2 00	400 00	8
"	Fireman	1	200	1 95	390 00	8
"	Weighman	1	200	1 95	390 00	8
"	Dumper	1	200	1 95	390 00	8
"	Trimmers	2	200	1 95	390 00	8
"	Blacksmith	1	200	2 42	484 00	8
"	Other outside labor	2	200	1 95	390 00	8
10281	Pick miners	9	185	2 50	462 50	8
"	Machine cutters	6	185	2 50	462 50	8
"	Loaders	26	185	1 95	360 75	8
"	Track layer	1	185	2 18	403 30	8
"	Drivers	4	185	1 95	360 75	8
"	Timberman	1	185	2 25	416 25	8
"	Trappers	3	185	95	175 75	8
"	Other inside labor	2	185	1 95	360 75	8
"	Engineer	1	185	2 25	416 25	8
"	Weighman	1	185	2 50	462 50	8
"	Dumper	1	185	2 20	407 00	8

*2 mines.

TABLE IXII—COAL MINING—JACKSON COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10281	Trimmers	2	185	$1 95	$360 75	8
"	Blacksmith	1	185	2 42	447 70	8
"	Greaser	1	185	95	175 75	8
"	Hostler	1	185	1 95	360 75	8
"	Other outside labor	2	185	1 95	360 75	8
10282	Pick miners	2	120	2 42	290 40	8
"	Machine cutters	2	120	2 30	276 00	8
"	Loaders	18	120	1 95	234 00	8
"	Track layer	1	120	2 18	261 60	8
"	Drivers	2	120	1 95	234 00	8
"	Trapper	1	120	95	144 00	8
"	Weighman	1	120	2 00	240 00	8
"	Blacksmith	1	120	2 42	290 40	8
10283	Pick miners	40	160	2 42	387 20	8
"	Track layers	2	160	2 18	348 80	8
"	Drivers	4	160	1 95	312 00	8
"	Trappers	2	160	95	152 00	8
"	Weighman	1	160	2 00	320 00	8
"	Dumper	1	160	1 95	312 00	8
"	Blacksmith	1	160	2 25	360 00	8
10284	Pick miners	2	251	2 00	502 00	8
"	Machine cutters	2	251	2 75	690 25	8
"	Loaders	8	251	2 20	552 20	8
"	Track layer	1	251	2 18	547 18	8
"	Drivers	2	251	2 10	527 10	8
"	Other inside labor	2	251	2 15	539 65	8
"	Weighman	1	251	1 80	451 80	8
"	Blacksmith	1	251	2 10	527 10	8
10287	Pick miners	27	95	2 39	227 05	8
"	Drivers	4	95	2 00	190 00	8
"	Other inside labor	1	95	2 00	190 00	8
"	Weighman	1	95	2 00	190 00	8
"	Trimmers	2	95	2 00	190 00	8
"	Blacksmith	1	95	2 00	190 00	8
10289	Pick miners	17	107	1 95	208 65	8
"	Driver	1	107	1 95	208 65	8
"	Other outside labor	1	107	1 95	208 65	8
10451	Machine cutters	4	48	2 40	115 20	8
"	Loaders	21	48	2 00	96 00	8
"	Track layer	1	48	2 18	104 64	8
"	Drivers	2	48	1 95	93 20	8
"	Cager	1	48	1 95	93 20	8
"	Engineer	1	48	2 87	137 76	8
"	Weighman	1	48	1 95	93 20	8
"	Trimmers	2	48	1 95	93 20	8
"	Blacksmith	1	48	2 42	116 16	8
"	Other outside labor	1	48	1 95	93 20	8
10288	Pick miners	30	164	1 70	299 80	8
"	Track layer	1	164	2 31	378 84	8
"	Drivers	5	164	1 95	319 80	8
"	Pumper	1	164	1 95	319 80	8
"	Weighman	1	164	2 00	328 00	8
"	Blacksmith	1	164	2 00	328 00	8
"	Other outside labor	2	164	2 00	328 00	8

TABLE IX12—COAL MINING—JEFFERSON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10293	Pick miners	390	125	$2 20	$275 00	8
"	Machine cutters	40	125	2 50	312 50	8
"	Loaders	291	125	2 10	262 50	8
"	Track layers	10	125	2 42	302 50	8
"	Drivers	38	125	2 42	302 50	8
"	Timbermen	6	125	2 42	302 50	8
"	Trappers	35	125	1 06	132 50	8
"	Other inside labor	50	125	2 23	278 75	8
"	Engineers	6	125	2 50	312 50	8
"	Firemen	6	125	2 00	250 00	8
"	Weighmen	3	125	1 90	237 50	8
"	Dumpers	6	125	1 98	247 50	8
"	Trimmers	10	125	1 86	232 80	8
"	Carpenters	10	125	2 23	278 75	8
"	Blacksmiths	7	125	2 64	330 00	8
"	Greasers	7	125	1 17	146 25	8
"	Other outside labor	66	125	1 65	206 25	8
10294	Machine cutters	4	224	3 50	784 00	8
"	Loaders	18	224	2 90	649 60	8
"	Track layers	2	224	2 42	542 08	8
"	Drivers	16	224	1 75	392 00	8
"	Cager	1	224	2 00	448 00	8
"	Trapper	1	224	1 10	246 40	8
"	Other inside labor	12	224	2 16	483 84	8
"	Engineer	1	224	2 64	591 36	12
"	Weighman	1	224	1 80	403 20	8
"	Dumpers	2	224	2 00	448 00	9
"	Carpenter	1	224	2 50	560 00	9
"	Blacksmith	1	224	2 50	560 00	9
"	Hostler	1	224	1 90	425 60	10
"	Other outside labor	3	224	2 07	463 68	10
10295	Machine cutters	8	108	3 30	356 40	8
"	Loaders	47	108	2 40	259 20	8
"	Track layer	1	108	2 42	261 36	8
"	Drivers	10	108	2 42	261 36	8
"	Pumpers	2	108	2 42	261 36	8
"	Cagers	2	108	2 00	216 00	8
"	Other inside labor	4	108	2 00	216 00	8
"	Engineer	1	108	2 75	297 00	8
"	Firemen	2	108	1 86	200 88	8
"	Weighman	1	108	2 12	228 96	8
"	Dumpers	2	108	1 86	200 88	8
"	Trimmers	2	108	1 86	200 88	8
"	Blacksmith	1	108	2 64	285 12	8
"	Hostler	1	108	2 25	243 00	8
"	Other outside labor	2	108	2 10	226 80	8
10296	Pick miners	10	180	2 00	360 00	8
"	Machine cutter	4	180	2 50	450 00	8
"	Loaders	15	180	2 00	360 00	8
"	Drivers	2	180	2 42	435 60	8
"	Other inside labor	1	180	2 23	401 40	8
"	Engineer	1	180	2 42	435 60	9
"	Trimmer	1	180	1 60	288 00	8
"	Blacksmith	1	180	2 50	450 00	8
"	Other outside labor	2	180	1 60	288 00	8
10297	Pick miners	6	230	1 92	441 60	8
"	Driver	1	230	2 00	460 00	8
10298	Pick miners	15	76	2 05	155 80	8
"	Driver	1	76	2 42	183 92	8
"	Weighman	1	76	2 23	169 48	8
10299	Pick miners	3	300	2 00	600 00	10
10302	Pick miners	6	150	2 00	300 00	8
"	Driver	1	150	1 50	225 00	8
10303	Pick miner	1	140	2 00	280 00	8
10304	Pick miners	2	250	2 50	625 00	8

*3 mines.

TABLE IX12—COAL MINING—JEFFERSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10305	Pick miners	60	200	$2 50	$500 00	7
"	Track layer	1	200	2 42	484 00	8
"	Drivers	5	200	2 42	484 00	8
"	Other inside labor	1	200	2 42	484 00	8
"	Weighman	1	200	3 50	700 00	9
"	Trimmers	2	200	2 12	424 00	8
"	Blacksmith	1	200	2 64	528 00	8
"	Greaser	1	200	1 41	282 00	8
"	Other outside labor	2	200	2 00	400 00	8
*10306	Pick miners	80	220	2 50	550 00	8
"	Machine cutters	26	220	2 50	550 00	8
"	Loaders	240	220	2 00	440 00	8
"	Track layers	5	220	2 42	532 40	8
"	Drivers	25	220	2 42	532 40	8
"	Timbermen	4	220	2 23	490 60	8
"	Pumpers	4	220	2 23	490 60	8
"	Trappers	5	220	1 06	233 20	8
"	Other inside labor	6	220	1 83	402 60	8.6
"	Engineers	4	220	2 50	550 00	12
"	Fireman	1	220	1 50	330 00	8
"	Weighmen	3	220	2 00	440 00	8
"	Dumpers	3	220	1 98	435 60	8
"	Trimmers	10	220	1 86	409 20	8
"	Carpenters	3	220	2 50	550 00	10
"	Blacksmiths	5	220	2 50	550 00	8
"	Greasers	3	220	1 17	257 40	8
"	Other outside labor	8	220	1 64	360 80	8.5
10307	Machine cutters	20	157	3 30	518 10	8
"	Loaders	128	157	2 40	376 80	8
"	Track layers	4	157	2 42	379 94	8
"	Drivers	22	157	2 42	379 94	8
"	Pumpers	3	157	2 23	350 11	8
"	Cagers	3	157	2 23	350 11	8
"	Trappers	8	157	1 06	166 42	8
"	Other inside labor	4	157	2 00	314 00	8
"	Engineer	1	157	2 88	357 96	8
"	Firemen	3	157	2 23	350 11	8
"	Weighman	1	157	2 00	314 00	8
"	Dumper	1	157	2 42	379 94	8
"	Trimmers	3	157	2 23	350 11	8
"	Carpenter	1	157	2 42	379 94	8
"	Blacksmith	1	157	2 39	375 23	8
"	Greaser	1	157	2 23	350 11	8
"	Hostler	1	157	2 00	314 00	8
"	Other outside labor	2	157	2 00	314 00	8
10308	Pick miners	3	275	1 75	481 25	8
†10309	Pick miners	52	147	3 45	507 15	8
"	Machine cutters	22	147	3 27	480 69	8
"	Loaders	148	147	2 90	426 30	8
"	Track layers	3	147	2 42	355 74	8
"	Drivers	29	147	2 42	355 74	8
"	Timbermen	2	147	2 42	355 74	8
"	Trappers	7	147	1 06	155 82	8
"	Other inside labor	7	147	2 34	343 98	8
"	Engineers	2	147	2 50	367 50	8
"	Fireman	1	147	1 79	263 13	8
"	Weighman	1	147	2 50	367 50	8
"	Dumpers	2	147	1 98	291 06	8
"	Trimmers	3	147	1 86	273 42	8
"	Carpenter	1	147	2 50	367 50	8
"	Blacksmiths	2	147	2 50	367 50	8
"	Greasers	2	147	1 17	171 99	8
"	Hostler	1	147	2 50	367 50	8
"	Other outside labor	4	147	1 90	279 30	8
10313	Pick miners	4	204	2 25	459 00	8
"	Machine cutters	6	204	3 25	665 00	8
"	Loaders	50	204	2 30	469 20	8

*3 mines. †2 mines.

TABLE IX12—COAL MINING—JEFFERSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10313	Track layers	2	204	$2 42	$493 68	8
"	Drivers	6	204	2 42	493 68	8
"	Timberman	1	204	2 42	493 68	8
"	Trappers	3	204	1 06	216 24	8
"	Other inside labor	2	204	2 23	454 92	8
"	Engineer	1	204	3 00	612 00	8
"	Weighman	1	204	2 50	510 00	8
"	Trimmers	2	204	2 00	408 00	8
"	Carpenter	1	204	2 39	487 56	8
"	Blacksmith	1	204	2 64	538 56	8
"	Other outside labor	6	204	2 42	493 68	8
10314	Pick miners	51	123	3 47	426 81	7.3
"	Machine cutters	22	123	5 09	626 07	8
"	Loaders	234	123	3 87	476 01	7.3
"	Track layers	3	123	2 42	297 66	8
"	Drivers	17	123	2 42	297 66	8
"	Timbermen	2	123	2 42	297 66	8
"	Pumpers	2	123	2 36	290 28	8
"	Trappers	8	123	1 06	130 38	8
"	Other inside labor	23	123	2 23	274 29	8
"	Engineers	2	123	2 88	354 24	10
"	Firemen	4	123	2 13	261 99	10
"	Weighman	1	123	2 36	290 28	9
"	Dumpers	6	123	2 02	248 46	8
"	Trimmers	4	123	1 78	218 94	8
"	Carpenter	1	123	2 36	290 28	8
"	Blacksmiths	2	123	2 36	290 28	8
"	Hostlers	2	123	2 13	261 99	12
"	Other outside labor	16	123	2 21	271 83	8.4
10315	Pick miners	75	287	2 00	574 00	8
"	Track layers	2	287	2 42	694 54	8
"	Drivers	4	287	2 42	694 54	8
"	Timbermen	2	287	2 42	694 54	8
"	Pumper	1	287	2 23	640 01	8
"	Other inside labor	4	287	2 23	640 01	8
"	Engineer	1	287	2 75	789 25	8
"	Weighman	1	287	2 00	574 00	8
"	Trimmers	2	287	1 86	533 82	8
"	Carpenter	1	287	2 23	640 01	8
"	Blacksmith	1	287	2 60	746 20	8
"	Other outside labor	10	287	1 75	502 25	8
‡10316	Pick miners	47	189	3 24	612 36	8
"	Machine cutters	38	189	3 60	680 40	8
"	Loaders	290	189	2 03	383 67	8
"	Track layers	13	189	2 35	444 15	8
"	Drivers	30	189	2 50	472 50	8
"	Timbermen	11	189	2 45	463 05	8
"	Pumpers	2	189	2 25	425 25	8
"	Trappers	12	189	1 09	206 01	8
"	Other inside labor	37	189	2 63	497 07	8
"	Engineers	2	189	3 17	599 13	8
"	Fireman	1	189	2 27	429 03	8
"	Weighman	1	189	2 29	432 81	8
"	Dumpers	4	189	1 92	362 88	8
"	Trimmers	6	189	1 86	351 54	8
"	Carpenters	2	189	2 33	421 47	8
"	Blacksmiths	4	189	2 64	498 96	8
"	Greasers	2	189	1 20	226 80	8
"	Hostler	1	189	2 39	451 71	8
"	Other outside labor	37	189	2 57	485 73	8
10320	Pick miners	75	125	2 72	340 00	8
"	Track layers	2	125	2 42	302 50	8
"	Drivers	5	125	2 42	302 50	8
"	Trappers	3	125	1 06	132 50	8
"	Other inside labor	1	125	2 42	302 50	8
"	Weighman	1	125	2 25	281 25	8
"	Dumper	1	125	1 98	247 50	8

†2 mines.
‡8 mines.

TABLE IX12—COAL MINING—JEFFERSON COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10320	Trimmers	2	125	$1 86	$232 50	8
"	Blacksmith	1	125	2 64	330 00	8
"	Greaser	1	125	1 17	146 25	8
"	Other outside labor	2	125	2 12	265 00	8
10321	Pick miners	17	176	3 10	545 60	8
"	Machine cutters	14	176	2 64	464 64	8
"	Loaders	70	176	2 54	447 04	8
"	Track layers	2	176	2 42	425 92	8
"	Drivers	7	176	2 42	425 92	8
"	Trappers	2	176	1 06	186 56	8
"	Other inside labor	3	176	1 75	308 00	8
"	Engineers	2	176	2 56	450 56	8
"	Weighman	1	176	2 56	450 56	8
"	Dumpers	2	176	1 98	348 48	8
"	Trimmers	2	176	1 86	327 36	8
"	Blacksmith	1	176	3 00	528 00	8
"	Hostler	1	176	1 35	237 60	8
"	Other outside labor	4	176	1 75	308 00	8
10323	Machine cutters	12	165	2 97	490 05	8
"	Loaders	60	165	2 80	462 00	8
"	Track layers	3	165	2 42	399 30	8
"	Drivers	4	165	2 42	399 30	8
"	Timbermen	3	165	2 42	399 30	8
"	Pumpers	3	165	2 42	399 30	8
"	Cager	1	165	2 42	399 30	8
"	Trappers	4	165	1 06	174 90	8
"	Other inside labor	3	165	2 23	367 95	8
"	Engineers	3	165	2 42	399 30	8
"	Firemen	2	165	2 23	367 95	8
"	Weighman	1	165	2 88	475 20	8
"	Trimmers	3	165	2 23	367 95	8
"	Blacksmiths	2	165	2 66	438 90	8
"	Other outside labor	2	165	2 23	367 95	8
10324	Machine cutters	6	96	3 50	336 00	8
"	Loaders	10	96	3 50	336 00	8
"	Track layer	1	96	2 53	242 88	8
"	Drivers	4	96	2 53	242 88	8
"	Timberman	1	96	2 53	242 88	8
"	Trapper	1	96	1 06	101 76	8
"	Other inside labor	4	96	2 42	232 32	8
"	Engineers	2	96	3 50	336 00	8
"	Dumpers	2	96	2 53	242 88	8
"	Trimmers	2	96	2 53	242 88	8
"	Carpenter	1	96	2 53	242 88	8
"	Blacksmith	1	96	2 81	269 76	8
"	Hostler	1	96	2 42	232 32	8
"	Other outside labor	10	96	2 42	232 32	8
10325	Pick miners	46	138	2 08	287 04	8
"	Machine cutters	3	138	4 42	609 96	8
"	Loaders	40	138	1 61	222 18	8
"	Track layers	4	138	2 42	333 96	8
"	Drivers	5	138	2 42	333 96	8
"	Timberman	1	138	2 00	276 00	8
"	Pumper	1	138	2 23	307 74	8
"	Engineer	1	138	2 50	345 00	8
"	Weighman	1	138	2 80	386 40	8
"	Dumper	1	138	2 15	296 70	8
"	Trimmers	5	138	1 86	256 68	8
"	Blacksmith	1	138	2 64	364 32	8
"	Greaser	1	138	1 65	227 70	8
"	Hostler	1	138	1 50	207 00	8
"	Other outside labor	3	138	2 42	333 96	8
10326	Machine cutters	5	192	3 10	595 20	8
"	Loaders	65	192	2 85	547 20	8
"	Tracklayers	2	192	2 42	464 64	8
"	Drivers	8	192	2 42	464 64	8
"	Timberman	1	192	2 23	428 16	8
"	Trappers	4	192	1 06	203 52	8
"	Other inside labor	4	192	2 32	445 45	8
"	Engineer	1	192	2 50	480 00	8

TABLE IX12—COAL MINING—JEFFERSON COUNTY —Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10326	Weighman	1	192	$2 00	$384 00	8
"	Dumper	1	192	1 98	380 16	8
"	Trimmer	1	192	1 86	357 12	8
"	Blacksmith	1	192	2 64	506 88	8
"	Greaser	1	192	1 06	203 52	8
"	Hostler	1	192	2 00	384 00	8
10292	Pick miners	3	285	1 75	498 75	8
10310	Pick miner	1	35	2 86	100 10	8
10311	Pick miners	6	150	3 00	450 00	8
"	Machine cutters	10	150	3 00	450 00	8
"	Loaders	140	150	2 50	375 00	8
"	Tracklayers	2	150	2 42	363 00	8
"	Drivers	10	150	2 42	363 00	8
"	Timbermen	2	150	2 42	363 00	8
"	Trappers	7	150	1 06	159 00	8
"	Other inside labor	6	150	2 23	334 50	8
"	Engineers	2	150	2 65	397 50	8
"	Weighman	1	150	2 00	300 00	8
"	Dumper	1	150	2 00	300 00	8
"	Trimmers	2	150	2 25	337 50	8
"	Blacksmiths	2	150	2 50	375 00	8
"	Greaser	1	150	1 23	184 50	8
"	Hostler	1	150	2 00	300 00	8
"	Other outside labor	6	150	1 90	285 00	8
10311½	Machine cutters	8	140	4 00	560 00	8
"	Loaders	110	140	3 50	490 00	8
"	Track layers	2	140	2 42	338 80	8
"	Drivers	9	140	2 42	338 80	8
"	Timbermen	2	140	2 42	338 80	8
"	Pumpers	3	140	2 23	312 20	8
"	Cagers	3	140	2 42	338 80	8
"	Trappers	5	140	1 06	148 40	8
"	Other inside labor	4	140	2 23	312 20	8
"	Engineers	3	140	2 42	338 80	8
"	Fireman	1	140	2 23	312 20	8
"	Weighman	1	140	2 42	338 80	8
"	Dumper	1	140	2 42	338 80	8
"	Trimmers	2	140	2 23	312 20	8
"	Carpenter	1	140	2 42	338 80	8
"	Blacksmiths	2	140	2 50	350 00	8
"	Greaser	1	140	2 23	312 20	8
"	Hostler	1	140	2 23	312 20	8
"	Other outside labor	4	140	2 23	312 20	8
10312	Pick miners	2	300	2 00	600 00	8
"	Driver	1	300	2 42	726 00	8
10317	Pick miners	45	173	2 50	432 50	8
"	Machine cutters	17	173	3 00	519 00	8
"	Loaders	88	173	2 25	389 25	8
"	Track layers	6	173	2 42	418 66	8
"	Drivers	18	173	2 42	418 66	8
"	Timbermen	4	173	2 42	418 66	8
"	Pumper	1	173	2 23	385 76	8
"	Trappers	5	173	1 06	183 38	8
"	Other inside labor	2	173	2 23	385 16	8
"	Engineers	2	173	2 75	475 75	8
"	Firemen	2	173	2 00	346 00	8
"	Weighman	1	173	3 00	519 00	8
"	Dumper	1	173	2 23	385 76	8
"	Trimmers	4	173	2 23	385 76	8
"	Carpenter	1	173	2 50	432 50	8
"	Blacksmiths	3	173	2 60	449 80	8
"	Greaser	1	173	1 17	202 41	8
"	Hostler	1	173	2 40	415 20	8
"	Other outside labor	4	173	1 65	285 45	8

TABLE IX13—COAL MINING—LAWRENCE COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10328	Pick miners	2	130	$1 30	$169 00	9
"	Other outside labor	1	130	1 30	169 00	9
*10329	Pick miners	40	88	2 18	191 84	8
"	Track layer	1	88	2 25	198 00	8
"	Drivers	3	88	2 00	176 00	8
"	Trapper	1	88	90	79 20	8
"	Other inside labor	3	88	2 00	176 00	8
"	Weighmen	2	88	2 00	176 00	8
"	Dumpers	2	88	2 00	176 00	8
"	Trimmer	1	88	2 00	176 00	8
"	Blacksmith	1	88	2 25	198 00	8
"	Hostler	1	88	75	66 00	4
10330	Pick miners	6	294	1 65	485 10	8
10333	Pick miners	8	250	1 50	375 00	8
10334	Pick miners	9	223	1 25	278 75	9
"	Driver	1	223	1 50	334 50	9
†10335	Pick miners	57	222	2 20	488 40	8
"	Machine cutters	8	222	2 50	555 00	8
"	Loaders	50	222	1 80	399 60	8
"	Track layers	2	222	2 18	483 96	8
"	Drivers	14	222	1 95	432 90	8
"	Trappers	8	222	95	210 90	8
"	Other inside labor	7	222	1 95	432 90	8
"	Engineer	1	222	2 66	590 52	8
"	Fireman	1	222	1 95	432 90	8
"	Weighmen	2	222	2 10	466 20	8
"	Dumpers	4	222	1 95	432 90	8
"	Trimmers	4	222	1 95	432 90	8
"	Blacksmiths	2	222	2 18	483 96	8
"	Greasers	2	222	95	210 90	8
"	Hostler	1	222	1 50	333 00	8
†10336	Pick miners	61	164	2 50	410 00	8
"	Track layers	3	164	2 18	357 52	8
"	Drivers	6	164	1 95	319 80	8
"	Trappers	2	164	95	155 80	8
"	Other inside labor	2	164	1 95	319 80	8
"	Weighmen	3	164	1 95	319 80	8
"	Trimmers	2	164	1 95	319 80	8
"	Blacksmith	1	164	2 12	347 68	8
"	Hostler	1	164	75	123 00	4
10340	Pick miners	40	200	1 37	274 00	10
"	Track layer	1	200	1 75	350 00	10
"	Drivers	2	200	1 25	250 00	10
"	Other inside labor	1	200	1 25	250 00	10
"	Weighman	1	200	1 35	270 00	10
"	Trimmer	1	200	1 50	300 00	10
10332	Pick miner	1	150	2 00	300 00	8

†3 mines; *2 mines.

TABLE IX14—COAL MINING—MAHONING COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10133	Pick miners	5	310	$2 26	$700 60	8
10345	Pick miners	45	220	3 00	660 00	8
"	Track layers	4	220	2 42	532 40	8
"	Drivers	5	220	2 42	532 40	8
"	Engineers	2	220	2 42	532 40	8
"	Weighman	1	220	2 42	532 40	8
"	Dumper	1	220	1 80	396 00	8
"	Trimmer	1	220	1 80	396 00	8
"	Blacksmith	1	220	2 42	532 40	8
10346	Pick miners	7	47	1 75	82 25	8
10347	Pick miners	2	300	2 00	600 00	7
10348	Pick miners	8	295	2 42	713 90	8
"	Track layer	1	295	2 42	713 90	8
"	Driver	1	295	2 42	713 90	8
"	Other inside labor	2	295	2 42	713 90	8
"	Other outside labor	1	295	1 75	516 25	8
10350	Pick miners	7	259	1 97	510 23	8
"	Driver	1	259	1 50	388 50	8
10352	Pick miners	3	312	2 10	655 20	8
10354	Pick miners	7	147	2 31	339 57	7
10357	Pick miners	6	204	1 80	367 20	8
"	Driver	1	204	2 23	454 92	8
"	Engineer	1	204	2 23	454 92	8
10361	Pick miners	2	90	2 40	216 00	8
"	Driver	1	90	2 42	217 80	8
"	Other outside labor	1	90	1 52	136 80	8
10692	Pick miners	284	211	1 71	360 81	8
"	Loaders	6	211	2 00	422 00	8
"	Track layer	1	211	2 50	527 50	8
"	Driver	1	211	1 75	369 25	8
"	Timberman	1	211	2 00	422 00	8
"	Pumper	1	211	1 10	232 10	8
"	Firemen	2	211	1 75	369 25	8
"	Weighman	1	211	1 80	379 80	8
"	Other outside labor	6	211	1 50	316 50	9
10349	Pick miners	6	250	2 25	562 50	8
10356	Pick miners	4	250	1 75	437 50	8
"	Dumper	1	250	1 75	437 50	8

TABLE IX15—COAL MINING—MEDINA COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10365	Pick miners	14	284	$2 42	$687 28	8
"	Driver	1	284	2 42	687 28	8
"	Engineer	1	284	2 42	687 28	8
"	Weighman	1	284	1 89	536 76	8
"	Blacksmith	1	284	2 39	678 76	8
10366	Pick miners	12	198	2 50	495 00	8
"	Drivers	2	198	2 42	479 16	8
"	Other inside labor	1	198	2 42	479 16	8
"	Dumper	1	198	1 90	376 20	8
*10367	Pick miners	130	212	2 10	445 20	8
"	Track layers	4	212	2 42	513 04	8
"	Drivers	9	212	2 42	513 04	8
"	Timberman	1	212	2 42	513 04	8
"	Pumpers	2	212	2 42	513 04	8
"	Cagers	2	212	2 42	513 04	8
"	Trappers	2	212	1 06	224 72	8
"	Engineers	5	212	2 35	498 20	8
"	Firemen	4	212	2 00	424 00	8
"	Weighmen	3	212	2 25	477 00	8
"	Dumpers	2	212	2 00	424 00	8
"	Trimmers	2	212	1 80	381 60	8
"	Blacksmiths	2	212	2 65	561 80	8
"	Other outside labor	2	212	1 75	371 00	8
10368	Pick miners	7	240	1 92	460 80	8
"	Driver	1	240	2 42	580 80	8
"	Engineer	1	240	2 40	576 00	8
10369	Pick miners	7	175	2 25	393 75	8
"	Driver	1	175	2 42	423 50	8
"	Other outside labor	1	175	1 89	330 75	8
10370	Pick miners	27	149	2 30	342 70	8
"	Track layer	1	149	2 42	360 58	8
"	Drivers	2	149	2 42	360 58	8
"	Trappers	2	149	1 06	157 94	8
"	Engineers	3	149	2 12	315 88	8
"	Weighman	1	149	2 00	298 00	8
"	Dumper	1	149	1 89	281 61	8
"	Trimmer	1	149	1 79	266 71	8
"	Blacksmith	1	149	2 00	298 00	8

*3 mines.

TABLE IX16—COAL MINING—MEIGS COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10376	Pick miners	70	90	$2 25	$202 50	8
"	Track layers	2	90	2 00	180 00	8
"	Drivers	11	90	1 75	157 50	8
"	Trappers	2	90	75	67 50	8
"	Other inside labor	3	90	1 75	157 50	8
"	Engineers	2	90	2 25	202 50	9
"	Firemen	2	90	1 50	135 00	10
"	Weighman	1	90	1 35	121 50	10
"	Dumpers	2	90	1 30	117 00	10
"	Carpenter	1	90	2 00	180 00	9
"	Blacksmith	1	90	2 00	180 00	9
"	Hostler	1	90	1 25	112 50	10
"	Other outside labor	8	90	1 35	121 50	10
10377	Pick miners	95	104	2 40	249 60	8
"	Track layers	2	104	1 89	196 56	8
"	Drivers	12	104	1 66	172 64	8
"	Other inside labor	3	104	1 85	192 40	8
"	Weighman	1	104	2 00	104 00	9
"	Dumpers	2	104	1 37	142 48	9
"	Trimmers	2	104	1 25	130 00	9
"	Carpenter	1	104	1 75	182 00	9
"	Blacksmith	1	104	2 00	208 00	9
"	Greaser	1	104	65	67 60	9
"	Hostler	1	365	1 25	456 25	9
"	Other outside labor	8	104	1 37	142 48	9
10379	Pick miners	6	225	2 70	607 50	8
"	Driver	1	225	1 75	393 75	8
"	Other outside labor	1	225	1 50	337 50	8
10380	Pick miners	4	175	2 00	350 00	9
"	Driver	1	175	1 25	218 75	9
10381	Pick miners	35	160	2 00	320 00	8
"	Track layer	1	160	2 25	360 00	8
"	Drivers	2	160	1 66	265 60	8
"	Trapper	1	160	71	113 60	8
"	Other inside labor	1	160	1 66	265 60	8
"	Engineer	1	160	2 25	360 00	8
"	Weighman	1	160	1 51	241 60	8
"	Dumper	1	160	1 51	241 60	8
"	Trimmer	1	160	1 70	272 00	8
"	Blacksmith	1	160	2 25	360 00	8
10382	Pick miners	4	90	1 60	144 00	8
10383	Pick miners	3	156	2 00	312 00	8
10384	Pick miners	71	90	2 00	180 00	8
"	Other inside labor	15	90	1 87	78 30	8
"	Carpenters	2	90	2 25	202 50	9
"	Blacksmiths	2	90	2 00	180 00	9
"	Other outside labor	10	90	1 50	135 00	9
10385	Pick miners	39	47	3 00	141 00	9
"	Track layer	1	47	2 25	105 75	9
"	Drivers	6	47	1 75	82 25	9
"	Timberman	1	47	2 00	94 00	9
"	Trapper	1	47	1 00	47 00	9
"	Other inside labor	10	47	1 75	82 25	9
"	Dumpers	2	47	1 75	82 25	9
"	Trimmer	1	47	1 75	82 25	9
"	Blacksmith	1	47	2 25	105 75	9
"	Other outside labor	5	47	1 75	82 25	9
10386	Pick miners	22	250	2 25	562 50	8
"	Drivers	4	250	1 66	415 00	8
"	Dumpers	2	250	1 66	415 00	8
"	Other outside labor	4	250	1 66	415 00	8
10387	Pick miners	20	48	1 75	84 00	8
"	Machine cutters	5	48	2 12	101 76	8
"	Loaders	20	48	1 65	79 20	8
"	Track layer	1	48	1 89	90 72	8
"	Drivers	7	48	1 66	79 68	8
"	Pumper	1	48	1 66	79 68	8
"	Trappers	2	48	71	34 08	8
"	Other inside labor	2	48	1 66	79 68	8
"	Engineer	1	48	1 75	84 00	9

TABLE IX16—COAL MINING—MEIGS COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10387	Weighman	1	48	$1 90	$91 20	9
"	Dumper	1	48	1 40	67 20	9
"	Blacksmith	1	48	2 12	101 76	9
"	Other outside labor	2	48	1 50	72 00	9
10390	Pick miners	21	97	2 05	198 85	7
10391	Pick miners	5	270	2 00	540 00	8
"	Driver	1	270	1 66	448 20	8
"	Other outside labor	2	270	1 50	405 00	9
10392	Pick miners	60	22	2 00	44 00	8
"	Track layers	2	22	1 88	41 36	8
"	Drivers	6	22	1 66	36 52	8
"	Trappers	3	22	75	16 50	8
"	Other inside labor	1	22	1 66	36 52	8
"	Weighman	1	22	2 00	44 00	8
"	Dumpers	2	22	1 66	36 52	8
"	Trimmers	2	22	1 66	36 52	8
"	Carpenter	1	22	1 75	38 50	8
"	Blacksmith	1	22	2 25	49 50	8
"	Greaser	1	22	75	16 50	8
"	Hostler	1	22	1 25	27 50	8
"	Other outside labor	2	22	1 66	36 52	8
10393	Machine cutters	12	156	2 12	330 72	8
"	Loaders	50	156	2 00	312 00	8
"	Track layer	1	156	1 89	294 84	8
"	Drivers	11	156	1 66	258 96	8
"	Timberman	1	156	1 66	258 96	8
"	Other inside labor	8	156	1 66	258 96	8
"	Engineers	2	156	2 00	312 00	9
"	Weighman	1	156	2 00	312 00	9
"	Dumpers	2	156	1 40	218 40	9
"	Blacksmith	1	156	2 00	312 00	9
"	Greaser	1	156	1 10	171 60	9
"	Hostler	1	156	1 33	207 48	9
"	Other outside labor	4	156	1 76	274 56	9
10709	Pick miners	24	59	2 28	134 52	9
"	Drivers	4	59	1 30	76 70	9
"	Other inside labor	1	59	1 25	73 75	9
"	Weighman	1	59	1 50	88 50	9
"	Dumpers	2	59	1 25	73 75	9
"	Trimmers	2	59	1 25	73 75	9
"	Other outside labor	4	59	1 25	73 75	9

TABLE IX17—COAL MINING—MORGAN COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10396	Machine cutters	15	112	$3 20	$358 40	8
"	Loaders	70	112	3 57	399 84	8
"	Track layers	3	112	2 44	273 28	8
"	Drivers	9	112	2 42	271 04	8
"	Trappers	4	112	1 06	118 72	8
"	Other inside labor	8	112	2 23	249 76	8
"	Engineers	2	112	2 55	285 60	8
"	Fireman	1	112	2 45	274 40	8
"	Weighman	1	112	2 45	274 40	8
"	Dumper	1	112	2 23	249 76	8
"	Trimmers	2	112	2 23	249 76	8
"	Blacksmith	1	112	3 35	375 20	8
"	Hostler	1	112	1 33	148 96	8
"	Other outside labor	9	112	2 23	249 76	8
10397	Machine cutters	6	123	2 97	365 31	8
"	Loaders	32	123	2 18	268 14	8
"	Track layers	5	123	2 42	297 66	8
"	Engineers	2	123	2 00	246 00	8
"	Weighman	1	123	2 42	297 66	8
"	Dumper	1	123	2 42	297 66	8
"	Trimmers	2	123	2 36	290 28	8
"	Blacksmith	1	123	2 56	314 88	8

TABLE IX18—COAL MINING—MUSKINGUM COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10403	Pick miners	4	260	$2 00	$520 00	8
10404	Pick miner	1	120	2 25	270 00	6
10406	Pick miner	1	184	2 00	368 00	7
10407	Pick miners	4	200	1 50	300 00	8
10408	Pick miner	1	180	1 11	199 80	8
10410	Pick miners	3	225	2 42	544 50	8
10411	Pick miners	31	102	2 25	229 50	8
"	Drivers	3	102	2 42	246 84	8
"	Trapper	1	102	1 06	108 12	8
"	Other inside labor	1	102	2 23	227 46	8
"	Weighman	1	102	2 12	216 24	8
"	Trimmer	1	102	2 12	216 24	8
10412	Pick miners	2	120	1 25	150 00	8
10415	Pick miners	3	266	2 50	665 00	8
10419	Pick miner	1	240	2 00	480 00	8
10421	Pick miner	1	90	2 50	225 00	8
10422	Pick miner	1	200	2 50	500 00	8
"	Driver	1	200	1 50	300 00	8
10423	Pick miners	2	170	1 50	255 00	8
10426	Pick miners	8	306	2 75	841 50	8
10427	Pick miners	15	100	4 00	400 00	8
"	Drivers	5	100	2 42	242 00	8
"	Weighman	1	100	1 50	150 00	8
"	Trimmer	1	100	2 13	213 00	8
10428	Pick miners	4	180	3 00	540 00	8
"	Driver	1	180	1 50	270 00	8
"	Weighman	1	180	1 50	270 00	8
10430	Pick miners	8	230	1 75	402 50	8
10431	Pick miner	1	260	2 00	520 00	8
*10432	Pick miners	4	275	2 00	550 00	8
10433	Pick miners	2	247	2 00	494 00	8
10434	Pick miners	2	250	2 25	562 50	8
10435	Pick miners	6	180	2 50	450 00	8
"	Driver	1	180	1 25	225 00	8
10436-1	Pick miners	50	200	2 42	484 00	8
"	Track layer	1	200	2 42	484 00	8
"	Drivers	3	200	2 42	484 00	8
"	Trappers	2	200	1 06	212 00	8
"	Other inside labor	3	200	2 42	484 00	8
"	Weighman	1	200	2 42	484 00	8
"	Dumper	1	200	2 42	484 00	8
"	Trimmer	1	200	2 42	484 00	8
"	Carpenter	1	200	2 39	478 00	8
"	Blacksmith	1	200	2 65	530 00	8
"	Other outside labor	1	200	2 42	484 00	8
10438	Pick miners	4	208	1 65	343 20	8
10439	Pick miners	20	250	2 25	562 50	8
"	Track layer	1	250	2 42	605 00	8
"	Other inside labor	1	250	2 50	625 00	8
"	Other outside labor	8	250	1 50	375 00	10
10440	Machine cutters	3	140	2 50	350 00	8
"	Loaders	20	140	2 00	280 00	8
"	Track layer	1	140	2 42	338 80	8
"	Drivers	4	140	2 42	338 80	8
"	Other inside labor	5	140	2 23	312 20	8
"	Weighman	1	140	2 25	315 00	8
"	Dumper	1	140	1 50	210 00	8
"	Trimmer	1	140	2 25	315 00	8
"	Blacksmith	1	140	2 42	338 80	8
"	Hostler	1	140	2 00	280 00	8
10445	Pick miners	26	106	2 50	265 00	8
"	Loader	1	106	2 00	212 00	8
"	Drivers	2	106	2 13	225 78	8
"	Other inside labor	4	106	2 42	256 52	8
"	Weighman	1	106	2 00	212 00	8
"	Trimmer	1	106	2 13	225 78	8
10447	Pick miners	18	104	2 75	286 00	8
"	Driver	1	104	2 42	251 68	8
"	Trapper	1	104	1 06	110 24	8
"	Trimmer	1	104	2 23	231 92	8

*2 mines.

TABLE IX18—COAL MINING—MUSKINGUM COUNTY —Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10450	Pick miners	16	49	$2 50	$122 50	8
"	Drivers	2	49	2 56	125 44	8
"	Trimmer	1	49	2 25	110 25	8
10452	Pick miners	45	135	2 50	337 50	8
"	Track layer	1	135	2 50	337 50	8
"	Drivers	6	135	2 42	326 70	8
"	Weighman	1	135	2 30	310 50	8
"	Dumper	1	135	1 60	216 00	8
"	Trimmer	1	135	2 25	303 75	8
*10454	Pick miners	14	160	2 25	360 00	8
10455	Pick miners	43	250	2 50	625 00	8
"	Track layer	1	250	2 42	605 00	8
"	Drivers	6	250	2 42	605 00	8
"	Weighman	1	250	2 00	500 00	8
"	Dumper	1	250	2 23	557 50	8
"	Trimmer	1	250	2 23	557 50	8
"	Blacksmith	1	250	2 65	662 50	8
"	Hostler	1	250	1 80	450 00	8
10711	Pick miners	13	54	3 50	189 00	8
"	Track layer	1	54	2 42	130 68	8
"	Driver	1	54	2 42	130 68	8
"	Weighman	1	54	2 00	108 00	8
"	Trimmer	1	54	2 12	114 48	8
10405	Pick miners	2	200	1 50	300 00	8
10425	Pick miners	2	200	1 00	200 00	8

*2 mines.

TABLE IX19—COAL MINING—NOBLE COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10464	Pick miner	1	300	$2 50	$750 00	8
10465	Pick miner	1	20	1 50	30 00	8
10466	Pick miners	7	100	1 25	125 00	7
10467	Pick miners	2	10	1 50	15 00	8
10468	Pick miners	2	154	1 50	231 00	8
10469	Pick miners	2	90	2 00	180 00	8
10470	Pick miners	3	200	1 50	300 00	8
10471	Pick miners	2	200	1 66	332 00	8
10472	Pick miners	2	154	1 00	154 00	8
10473	Pick miners	2	156	1 00	156 00	10
10474	Pick miners	3	130	1 50	195 00	8
10475	Pick miners	2	300	2 00	600 00	10
10476	Pick miners	2	100	1 50	150 00	8
10477	Pick miners	8	200	2 00	400 00	9
"	Track layer	1	200	2 00	400 00	9
"	Driver	1	200	2 00	400 00	9
"	Other inside labor	1	200	1 50	300 00	9
"	Other outside labor	1	200	2 00	400 00	9

TABLE IX20—COAL MINING—PERRY COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10485	Loaders	20	100	$2 65	$265 00	8
"	Drivers	3	100	2 32	232 00	8
"	Dumper	1	100	2 32	232 00	8
"	Trimmer	1	100	2 32	232 00	8
10486	Machine cutters	14	106	4 14	438 84	8
"	Loaders	83	106	2 30	243 80	8
"	Track layers	2	106	2 42	256 52	8
"	Drivers	9	106	2 42	256 52	8
"	Pumper	1	106	2 42	256 52	8
"	Trappers	6	106	1 06	112 36	8
"	Other inside labor	4	106	2 49	263 94	8
"	Engineers	2	106	2 25	238 50	8
"	Weighman	1	106	1 87	198 22	8
"	Dumper	1	106	2 23	236 38	8
"	Trimmers	4	106	2 23	236 38	8
"	Blacksmiths	3	106	2 55	270 30	8
"	Hostler	1	106	1 66	175 96	8
"	Other outside labor	5	106	2 23	236 38	8
10487	Pick miners	3	300	2 65	795 00	8
"	Drivers	2	300	2 32	696 00	8
10488	Pick miners	6	125	3 00	375 00	8
"	Driver	1	125	2 32	290 00	8
10493	Pick miners	26	212	3 00	636 00	8
"	Track layer	1	212	2 42	513 04	8
"	Drivers	4	212	2 42	513 04	8
"	Trapper	1	212	1 06	224 72	8
"	Other inside labor	2	212	2 23	472 76	8
"	Weighman	1	212	2 23	472 76	8
"	Trimmer	1	212	2 12	449 44	8
10494	Pick miners	3	86	2 55	219 30	8
"	Machine cutters	20	86	2 42	208 12	8
"	Loaders	95	86	1 87	160 82	8
"	Track layers	3	86	2 49	214 14	8
"	Drivers	10	86	2 49	214 14	8
"	Timberman	1	86	2 49	214 14	8
"	Trappers	7	86	1 09	93 74	8
"	Other inside labor	3	86	2 29	196 94	8
"	Engineers	2	86	2 19	188 34	8
"	Weighman	1	86	1 83	157 38	8
"	Dumpers	3	86	2 29	196 94	8
"	Trimmers	4	86	2 29	196 94	8
"	Carpenter	1	86	2 00	172 00	8
"	Blacksmiths	2	86	2 73	234 78	8
"	Greaser	1	86	1 09	93 74	8
"	Hostler	1	86	1 50	129 00	8
"	Other outside labor	2	86	2 29	196 94	8
10495-1	Machine cutters	12	149	4 80	715 20	8
"	Loaders	153	149	2 30	342 70	8
"	Track layers	2	149	2 42	360 58	8
"	Drivers	10	149	2 42	360 58	8
"	Timberman	1	149	2 42	360 58	8
"	Pumper	1	149	2 23	332 27	8
"	Cagers	3	149	2 23	332 27	8
"	Trappers	6	149	1 06	157 94	8
"	Other inside labor	14	149	2 23	332 27	8
"	Engineers	3	149	2 65	394 85	8
"	Firemen	3	149	2 23	332 27	8
"	Dumpers	4	149	2 23	332 27	8
"	Trimmers	3	149	2 23	332 27	8
"	Carpenter	1	149	2 39	356 11	8
"	Blacksmiths	2	149	2 39	356 11	8
"	Greaser	1	149	1 33	198 17	8
"	Hostler	1	149	1 66	247 34	8
"	Other outside labor	5	149	2 23	332 27	8
10495 2	Machine cutters	12	108	4 00	432 00	8
"	Loaders	113	108	2 25	243 00	8
"	Track layers	4	108	2 42	261 36	8
"	Drivers	11	108	2 42	261 36	8
"	Timbermen	4	108	2 42	261 36	8
"	Pumpers	2	108	2 23	240 84	8

TABLE IX20—COAL MINING—PERRY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10495-2	Cager	1	108	$2 42	$261 36	8
"	Trappers	6	108	1 06	114 48	8
"	Other inside labor	8	108	2 23	240 84	8
"	Engineer	1	108	2 65	286 20	8
"	Firemen	2	108	2 23	240 84	8
"	Dumper	1	108	2 23	240 84	8
"	Trimmers	3	108	2 23	240 84	8
"	Carpenter	1	108	2 39	258 12	8
"	Blacksmiths	2	108	2 39	258 12	8
"	Greaser	1	108	1 33	143 64	8
"	Hostler	1	108	1 66	179 28	8
"	Other outside labor	7	108	2 23	240 84	8
10495-3	Machine cutters	10	90	4 90	441 00	8
"	Loaders	70	90	2 40	216 00	8
"	Track layers	3	90	2 42	217 80	8
"	Drivers	5	90	2 42	217 80	8
"	Timberman	1	90	2 42	217 80	8
"	Pumper	1	90	2 23	200 70	8
"	Cagers	3	90	2 42	217 80	8
"	Trappers	4	90	1 06	95 40	8
"	Other inside labor	3	90	2 23	200 70	8
"	Engineers	2	90	2 65	238 50	8
"	Fireman	1	90	2 23	200 70	8
"	Weighman	1	90	1 66	149 40	8
"	Dumper	1	90	2 23	200 70	8
"	Trimmers	2	90	2 23	200 70	8
"	Carpenter	1	90	2 39	215 10	8
"	Blacksmith	1	90	2 39	215 10	8
"	Greaser	1	90	1 33	119 70	8
"	Hostler	1	90	1 66	149 40	8
10495-4	Machine cutters	10	73	4 70	343 10	8
"	Loaders	60	73	2 60	189 80	8
"	Track layer	1	73	2 42	176 66	8
"	Drivers	5	73	2 42	176 66	8
"	Timberman	1	73	2 42	176 66	8
"	Trappers	3	73	1 06	77 38	8
"	Other inside labor	4	73	2 23	162 79	8
"	Engineers	2	73	2 65	193 45	8
"	Firemen	2	73	2 23	162 79	8
"	Weighman	1	73	1 66	121 18	8
"	Dumpers	2	73	2 23	162 79	8
"	Trimmers	4	73	2 23	162 79	8
"	Blacksmith	1	73	2 39	174 47	8
"	Hostler	1	73	1 66	121 18	8
"	Other outside labor	3	73	2 23	162 79	8
10496	Pick miners	95	130	3 25	422 50	8
"	Track layer	1	130	2 75	357 50	8
"	Drivers	8	130	2 56	332 80	8
"	Timbermen	2	130	2 56	332 80	8
"	Pumpers	4	130	2 25	292 50	8
"	Trappers	6	130	1 13	146 90	8
"	Other inside labor	8	130	2 23	289 90	8
"	Engineer	1	130	2 33	302 90	8
"	Fireman	1	130	2 23	289 90	8
"	Weighman	1	130	3 00	390 00	8
"	Dumper	1	130	2 23	289 90	8
"	Trimmers	5	130	2 23	289 90	8
"	Blacksmiths	2	130	2 64	343 20	8
"	Greaser	1	130	1 75	227 50	8
"	Hostler	1	130	1 16	150 80	8
"	Other outside labor	4	130	2 23	289 90	8
10497-2	Pick miners	75	200	2 42	484 00	8
"	Track layer	1	200	2 42	484 00	8
"	Drivers	3	200	2 42	484 00	8
"	Pumper	1	200	2 42	484 00	8
"	Trappers	2	200	1 06	212 00	8
"	Other inside labor	4	200	2 42	484 00	8
"	Engineer	1	200	3 00	600 00	8
"	Fireman	1	200	2 42	484 00	8
"	Weighman	1	200	2 42	484 00	8

TABLE IX20—COAL MINING—PERRY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10497-2	Dumpers	2	200	$2 42	$484 00	8
"	Trimmer	1	200	2 42	484 00	8
"	Blacksmith	1	200	2 65	530 00	8
"	Other outside labor	1	200	2 42	484 00	8
10498-1	Machine cutters	8	185	4 32	799 20	8
"	Loaders	72	185	2 58	477 30	8
"	Track layers	2	185	2 66	492 10	8
"	Drivers	6	185	2 42	447 70	8
"	Trapper	1	185	1 06	196 10	8
"	Other inside labor	2	185	2 53	468 05	8
"	Engineers	2	185	2 25	416 25	8
"	Fireman	1	185	2 42	447 70	8
"	Weighman	1	185	1 83	338 55	8
"	Dumper	1	185	2 23	412 55	8
"	Trimmers	3	185	2 23	412 55	8
"	Blacksmith	1	185	2 65	490 25	8
"	Greaser	1	185	1 33	246 05	8
"	Hostler	1	185	1 57	290 45	8
10498-2	Machine cutters	20	175	4 35	761 25	8
"	Loaders	200	175	2 50	437 50	8
"	Track layers	4	175	2 42	423 50	8
"	Drivers	12	175	2 42	423 50	8
"	Timbermen	6	175	2 42	423 50	8
"	Pumpers	2	175	2 23	390 25	8
"	Cagers	3	175	2 42	423 50	8
"	Trappers	5	175	1 06	185 50	8
"	Other inside labor	6	175	2 23	390 25	8
"	Engineers	2	175	2 65	463 75	8
"	Firemen	3	175	2 23	390 25	8
"	Dumpers	2	175	2 23	390 25	8
"	Trimmers	6	175	2 23	390 25	8
"	Carpenter	1	175	2 39	418 25	8
"	Blacksmiths	2	175	2 39	418 25	8
"	Greaser	1	175	1 33	232 75	8
"	Hostler	1	175	1 66	290 50	8
"	Other outside labor	4	175	2 23	390 25	8
10498-3	Machine cutters	8	156	3 85	600 60	8
"	Loaders	70	156	2 30	358 80	8
"	Track layers	2	156	2 42	377 52	8
"	Drivers	8	156	2 42	377 52	8
"	Timbermen	4	156	2 42	377 52	8
"	Pumper	1	156	2 23	347 88	8
"	Trappers	5	156	1 06	165 36	8
"	Other inside labor	4	156	2 23	347 88	8
"	Engineer	1	156	2 65	413 40	8
"	Firemen	2	156	2 23	347 88	8
"	Weighman	1	156	1 66	258 96	8
"	Dumper	1	156	2 23	347 88	8
"	Trimmers	2	156	2 23	347 88	8
"	Blacksmith	1	156	2 39	372 84	8
"	Greaser	1	156	1 33	207 48	8
"	Hostler	1	156	1 66	258 96	8
"	Other outside labor	3	156	2 23	347 88	8
10499	Pick miners	23	58	2 90	168 20	8
"	Drivers	2	58	2 42	140 36	8
"	Trapper	1	58	1 25	72 50	8
"	Weighman	1	58	2 75	159 50	8
"	Trimmer	1	58	2 36	136 88	8
10500	Pick miners	10	200	2 42	484 00	8
"	Machine cutters	3	200	4 00	800 00	8
"	Loaders	42	200	2 42	484 00	8
"	Track layer	1	200	2 42	484 00	8
"	Drivers	4	200	2 42	484 00	8
"	Timberman	1	200	2 42	484 00	8
"	Cagers	2	200	2 42	484 00	8
"	Trappers	2	200	1 06	212 00	8
"	Engineer	1	200	2 25	450 00	8
"	Fireman	1	200	2 42	484 00	8
"	Weighman	1	200	2 42	484 00	8
"	Dumpers	2	200	2 23	446 00	8
"	Trimmers	3	200	2 42	484 00	8

TABLE IX20—COAL MINING—PERRY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10500	Carpenter	1	200	$2 39	$478 00	8
"	Blacksmith	1	200	2 65	530 00	8
"	Other outside labor	1	200	2 42	484 00	8
10501	Pick miners	15	88	5 00	440 00	8
"	Machine cutters	2	88	5 00	440 00	8
"	Loaders	8	88	5 00	440 00	8
"	Drivers	3	88	2 42	212 96	8
"	Engineer	1	88	2 50	220 00	8
"	Weighman	1	88	2 42	212 96	8
"	Dumper	1	88	2 42	212 96	8
"	Trimmers	2	88	2 42	212 96	8
"	Blacksmith	1	88	2 39	210 32	8
"	Greaser	1	88	1 33	117 04	8
"	Hostler	1	88	2 23	196 24	8
10502	Pick miners	18	73	5 61	409 53	8
"	Drivers	3	73	2 42	176 66	8
"	Weighman	1	73	2 42	176 66	8
"	Dumper	1	73	2 23	162 79	8
"	Trimmer	1	73	2 23	162 79	8
10503	Pick miners	6	75	3 00	225 00	8
"	Driver	1	75	2 23	167 25	8
10504	Pick miners	50	200	3 50	750 00	8
"	Track layers	2	200	2 42	484 00	8
"	Drivers	6	200	2 42	484 00	8
"	Engineer	1	200	2 42	484 00	8
"	Dumper	1	200	2 42	484 00	8
"	Trimmer	1	200	2 42	484 00	8
"	Greaser	1	200	1 50	300 00	8
"	Hostler	1	200	2 00	400 00	8
"	Other outside labor	2	200	2 20	440 00	8
10505	Pick miners	22	115	4 50	517 50	8
"	Drivers	4	115	2 50	287 50	8
"	Trimmer	1	115	2 50	287 50	8
10506	Machine cutters	8	150	3 00	450 00	8
"	Loaders	55	150	2 25	337 50	8
"	Track layer	1	150	2 42	363 00	8
"	Drivers	4	150	2 42	363 00	8
"	Engineer	1	150	2 50	375 00	8 5
"	Weighman	1	150	2 42	363 00	8
"	Trimmer	1	150	2 35	352 50	8
"	Blacksmiths	2	150	2 50	375 00	8
"	Other outside labor	2	150	2 42	363 00	8
*10507	Machine cutters	32	205	3 50	717 50	8
"	Loaders	235	205	2 20	451 00	8
"	Track layers	7	295	2 30	678 50	8
"	Drivers	18	205	2 42	496 10	8
"	Timbermen	3	295	2 42	713 90	8
"	Pumpers	2	205	2 29	469 45	8
"	Cagers	4	205	2 42	496 10	8
"	Trappers	13	205	1 06	217 30	8
"	Other inside labor	35	205	2 23	457 15	8
"	Engineers	4	295	2 40	708 00	8
"	Firemen	5	295	2 23	657 85	8
"	Weighmen	2	295	2 50	737 50	8
"	Dumpers	3	205	2 23	457 15	8
"	Trimmers	7	205	2 15	440 75	8
"	Carpenters	2	295	2 25	663 75	8
"	Blacksmiths	5	295	2 60	767 00	8
"	Greasers	2	205	1 33	272 65	8
"	Other outside labor	12	205	2 23	457 15	8
10508	Machine cutters	8	201	3 00	603 00	8
"	Loaders	62	201	2 50	502 50	8
"	Track layers	2	201	2 42	486 42	8
"	Drivers	6	201	2 42	486 42	8
"	Timbermen	2	201	2 23	448 23	8
"	Pumpers	2	201	2 23	448 23	8
"	Cager	1	201	2 42	486 42	8
"	Trappers	3	201	1 06	213 06	8

*2 mines.

TABLE IX20—COAL MINING—PERRY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10508	Other inside labor	2	201	$2 23	$448 23	8
"	Engineer	1	201	2 25	452 25	8
"	Firemen	2	201	2 25	452 25	8
"	Weighman	1	201	1 87	375 87	8
"	Dumper	1	201	2 23	448 23	8
"	Trimmers	3	201	2 23	448 23	8
"	Carpenter	1	201	2 39	480 39	8
"	Blacksmiths	2	201	2 78	558 78	8
"	Greaser	1	201	1 33	267 33	8
"	Hostler	1	201	1 35	271 35	8
"	Other outside labor	2	201	2 23	448 23	8
10509	Pick miners	24	116	3 68	440 80	8
"	Machine cutters	7	116	3 80	440 80	8
"	Loaders	54	116	3 50	406 00	8
"	Track layers	3	116	2 42	280 72	8
"	Drivers	7	116	2 42	280 72	8
"	Timberman	1	116	2 42	280 72	8
"	Trappers	2	116	1 06	122 96	8
"	Other inside labor	3	116	2 23	358 68	8
"	Engineers	2	116	2 50	290 00	8
"	Weighman	1	116	2 50	290 00	8
"	Dumper	1	116	2 12	245 92	8
"	Trimmer	1	116	2 12	245 92	8
"	Blacksmith	1	116	2 60	301 60	8
"	Hostler	1	116	2 42	290 00	8
"	Other outside labor	3	116	1 66	192 56	8
†10510	Pick miners	50	238	2 85	678 30	8
"	Machine cutters	52	238	5 32	1,266 16	8
"	Loaders	536	238	2 80	666 40	8
"	Track layers	8	238	2 42	575 96	8
"	Drivers	50	238	2 42	575 96	8
"	Timbermen	3	238	2 42	575 96	8
"	Pumpers	7	238	2 23	530 74	8
"	Cagers	6	238	2 23	530 74	8
"	Trappers	22	238	1 06	252 28	8
"	Other inside labor	18	238	2 23	530 74	8
"	Engineers	6	238	2 79	664 02	8
"	Firemen	8	238	2 23	530 74	8
"	Weighmen	3	238	2 00	476 00	8
"	Dumpers	5	238	2 23	530 74	8
"	Trimmers	19	238	2 23	530 74	8
"	Carpenters	3	238	2 50	595 00	8
"	Blacksmiths	8	238	3 10	737 80	8
"	Greasers	8	238	1 33	316 54	8
"	Hostlers	3	238	2 00	476 00	8
"	Other outside labor	9	238	2 23	530 74	8
*10511	Pick miners	25	282	2 50	705 00	8
"	Machine cutters	2	282	3 50	987 00	8
"	Loaders	9	282	2 42	682 44	8
"	Track layer	1	282	2 42	682 44	8
"	Drivers	2	282	2 42	682 44	8
"	Pumpers	2	282	2 00	564 00	8
"	Cager	1	282	2 42	682 44	8
"	Trappers	1	282	1 06	298 92	8
"	Other inside labor	2	282	2 23	628 86	8
"	Engineers	2	282	2 00	564 00	8
"	Dumpers	2	282	1 90	535 80	8
"	Trimmer	1	282	2 12	597 84	8
"	Carpenter	1	282	2 50	705 00	8
"	Blacksmith	1	282	2 42	682 44	8
"	Other outside labor	1	282	1 90	535 80	8
10512	Machine cutters	4	159	2 75	437 25	8
"	Loaders	74	159	2 73	434 07	8
"	Track layer	1	159	2 42	384 78	8
"	Drivers	5	159	2 42	384 78	8
"	Trappers	3	159	1 06	168 54	8
"	Engineer	1	159	3 06	486 54	8

*2 mines.
†3 mines.

TABLE IX20—COAL MINING—PERRY COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10512	Weighman	1	159	$2 23	$354 57	8
"	Dumpers	3	159	2 23	354 57	8
"	Trimmers	3	159	2 23	354 57	8
"	Blacksmith	1	159	2 92	464 28	8
‡10513	Pick miners	65	121	2 25	272 25	8
"	Machine cutters	25	121	2 75	332 75	8
"	Loaders	150	121	2 00	242 00	8
"	Track layers	3	121	2 42	292 82	8
"	Drivers	13	121	2 42	292 82	8
"	Trappers	7	121	1 06	128 26	8
"	Other inside labor	5	121	2 23	269 83	8
"	Engineers	2	121	2 67	323 07	8
"	Weighmen	4	121	2 30	278 30	8
"	Dumpers	2	121	2 23	269 83	8
"	Trimmers	5	121	2 23	269 83	8
"	Blacksmiths	5	121	2 55	308 55	8
"	Other outside labor	5	121	2 23	269 83	8
10514	Pick miners	10	228	2 75	627 00	8
"	Drivers	2	228	2 42	557 76	8
10515	Pick miner	1	200	2 25	450 00	9
10516	Pick miner	1	125	2 00	250 00	8
10517	Pick miner	1	220	1 50	330 00	8
10518	Pick miners	2	200	1 50	300 00	8
10520	Pick miners	48	180	1 80	324 00	8
"	Track layer	1	180	1 50	270 00	8
"	Drivers	5	180	1 50	270 00	8
"	Weighman	1	180	1 50	270 00	8
"	Dumper	1	180	1 50	270 00	8
"	Trimmers	2	180	1 50	270 00	8
10521	Pick miners	6	60	2 65	159 00	8
"	Driver	1	60	2 42	145 20	8
10522	Pick miners	8	125	3 16	395 00	8
"	Machine cutters	2	125	5 89	736 25	8
"	Loaders	21	125	3 26	407 50	8
"	Drivers	2	125	2 48	310 00	8
"	Weighman	1	125	2 50	312 50	8
"	Dumper	1	125	2 28	285 00	8
"	Trimmer	1	125	2 28	285 00	8
*10524	Machine cutters	6	87	3 00	261 00	8
"	Loaders	50	87	2 25	195 75	8
"	Track layer	1	87	2 42	210 54	8
"	Drivers	6	87	2 42	210 54	8
"	Pumper	1	87	2 42	210 54	8
"	Trappers	3	87	1 06	92 22	8
"	Engineer	1	87	2 50	217 50	8
"	Weighman	1	87	2 23	194 01	8
"	Trimmers	2	87	2 23	194 01	8
"	Blacksmith	1	87	2 75	239 25	8
"	Hostler	1	87	1 35	117 45	8
"	Other outside labor	2	87	2 42	210 54	8
10526	Machine cutters	10	107	4 85	824 50	8
"	Loaders	32	170	2 65	450 50	8
"	Track layer	1	170	2 42	411 40	8
"	Drivers	4	170	2 42	411 40	8
"	Trappers	2	170	1 06	180 20	8
"	Other inside labor	1	170	2 23	379 10	8
"	Engineer	1	170	2 25	382 50	8
"	Weighman	1	170	2 23	379 10	8
"	Dumper	1	170	2 23	379 10	8
"	Trimmer	1	170	2 23	379 10	8
"	Blacksmith	1	170	2 42	411 40	8
10536	Pick miners	44	165	2 02	333 30	8
"	Drivers	3	165	2 42	399 30	8
"	Weighman	1	165	2 88	475 20	8
"	Trimmer	1	165	2 50	412 50	8
10530	Machine cutters	8	162	3 95	639 90	8
"	Loaders	61	162	2 85	461 70	8

*2 mines.
‡4 mines.

TABLE IX20—COAL MINING—PERRY COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10530	Track layers	2	162	$2 32	$375 84	8
"	Drivers	7	162	2 42	392 04	8
"	Timbermen	2	162	2 23	361 26	8
"	Pumpers	2	162	2 23	361 26	8
"	Cager	1	162	2 42	392 04	8
"	Trappers	2	162	1 06	171 72	8
"	Other inside labor	2	162	2 42	392 04	8
"	Engineers	2	162	2 25	364 50	8
"	Firemen	3	162	2 00	324 00	8
"	Weighman	1	162	1 77	286 74	8
"	Dumper	1	162	2 23	361 26	8
"	Trimmers	2	162	2 23	361 26	8
"	Blacksmiths	2	162	2 50	405 00	8
"	Hostler	1	162	1 50	243 00	8
10525	Machine cutters	6	113	3 00	339 00	8
"	Loaders	30	113	2 50	282 50	8
"	Track layers	2	113	2 49	281 37	8
"	Drivers	5	113	2 49	281 37	8
"	Engineers	2	113	2 23	251 99	8
"	Dumper	1	113	2 29	258 77	8
"	Trimmers	2	113	2 49	281 37	8
"	Blacksmiths	2	113	3 10	350 30	8
"	Hostler	1	113	2 00	226 00	8
10489	Pick miners	20	186	2 75	511 50	8
"	Machine cutters	16	186	3 25	604 50	8
"	Loaders	179	186	2 48	461 28	8
"	Track layers	4	186	2 37	440 82	8
"	Drivers	16	186	2 42	450 12	8
"	Timbermen	4	186	2 32	450 12	8
"	Pumpers	3	186	1 91	355 26	8
"	Trappers	7	186	1 06	197 16	8
"	Other inside labor	12	186	2 37	440 82	8
"	Engineers	2	186	2 87	533 82	8
"	Firemen	3	186	2 32	431 52	8
"	Weighman	1	186	2 50	465 00	8
"	Dumpers	3	186	2 23	414 78	8
"	Trimmers	7	186	2 23	414 78	8
"	Carpenters	2	186	2 57	478 02	8
"	Blacksmiths	2	186	2 92	543 12	8
"	Greasers	2	186	2 59	481 74	8
"	Other outside labor	11	186	1 87	347 82	8

TABLE IX21—COAL MINING—PORTAGE COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10533	Pick miners	133	139	$2 80	$389 20	8
"	Track layers	2	139	2 42	336 38	8
"	Drivers	12	139	2 42	336 38	8
"	Timbermen	10	139	1 91	265 49	8
"	Pumper	1	139	1 65	229 35	8
"	Cagers	3	139	1 91	265 49	8
"	Trapper	1	139	1 06	147 34	8
"	Engineers	6	139	2 40	333 60	8
"	Fireman	1	139	2 18	303 02	8
"	Weighmen	2	139	2 40	333 60	8
"	Dumpers	2	139	1 91	265 49	8
"	Trimmers	2	139	1 91	265 49	8
"	Carpenters	2	139	2 55	354 45	8
"	Blacksmiths	3	139	2 90	403 10	8
"	Hostlers	2	139	1 75	243 25	8
"	Other outside labor	9	139	2 10	291 90	8
10534	Pick miners	46	175	2 75	481 25	8
"	Track layers	8	175	2 42	423 50	8
"	Drivers	3	175	2 42	423 50	8
"	Pumper	1	175	2 42	423 50	8
"	Cager	1	175	2 42	423 50	8
"	Trappers	3	175	2 42	423 50	8
"	Engineers	4	175	2 10	367 50	8
"	Fireman	1	175	1 92	336 00	8
"	Weighman	1	175	2 60	455 00	8
"	Dumper	1	175	2 00	350 00	8
"	Carpenter	1	175	2 70	472 50	8
"	Blacksmith	1	175	2 55	446 25	8
"	Other outside labor	1	175	2 00	350 00	8

*2 mines.

TABLE IX22—COAL MINING—SCIOTO COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10539	Pick miners	2	153	$1 05	$160 65	8
10540	Pick miners	16	135	2 94	396 90	8
"	Track layer	1	135	2 06	278 10	8
"	Drivers	3	135	1 95	263 25	8
"	Timberman	1	135	1 95	263 25	8
"	Weighman	1	135	1 95	263 25	8
"	Dumper	1	135	1 95	263 25	8
"	Trimmer	1	135	1 95	263 25	8
"	Blacksmith	1	135	1 95	263 25	8
"	Other outside labor	3	135	1 95	263 25	8

TABLE IX23—COAL MINING—STARK COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10545	Pick miners	6	178	$2 00	$356 00	7
10546	Pick miner	1	193	2 60	501 80	7
10547	Pick miners	3	225	2 00	450 00	8
10548	Pick miners	2	100	1 75	175 00	10
10549	Pick miners	2	150	2 00	300 00	8
10550	Pick miners	2	150	1 50	225 00	8
*10552	Pick miners	877	160	3 00	480 00	8
"	Machine cutters	20	160	3 00	480 00	8
"	Loaders	110	160	3 00	480 00	8
"	Track layers	12	160	2 42	387 20	8
"	Drivers	50	160	2 42	387 20	8
"	Pumpers	20	160	2 23	356 80	8
"	Cagers	10	160	2 23	356 80	8
"	Trappers	20	160	1 06	169 60	8
"	Other inside labor	25	160	2 23	356 80	8
"	Engineers	30	160	2 15	344 00	8
"	Firemen	10	160	1 89	302 40	8
"	Weighmen	10	160	2 00	320 00	8
"	Dumpers	15	160	1 89	302 40	8
"	Trimmers	20	160	1 89	302 40	8
"	Carpenter	1	160	2 25	360 00	8
"	Blacksmiths	10	160	2 40	384 00	8
"	Greasers	10	160	1 89	302 40	8
10553	Pick miners	20	59	4 00	236 00	8
"	Track layer	1	59	2 56	151 04	8
"	Drivers	3	59	2 56	151 04	8
"	Pumpers	2	59	2 36	139 24	8
"	Cager	1	59	2 56	151 04	8
"	Trappers	3	59	1 13	66 67	8
"	Other inside labor	1	59	2 36	139 24	8
"	Engineers	3	59	2 56	151 04	8
"	Weighman	1	59	2 00	118 00	8
"	Dumper	1	59	1 95	115 05	8
"	Trimmer	1	59	1 95	115 05	8
"	Blacksmith	1	59	2 80	165 20	8
10554	Pick miners	50	177	2 34	414 18	8
"	Track layers	3	177	2 23	394 71	8
"	Drivers	3	177	2 42	428 34	8
"	Pumper	1	177	2 00	354 00	8
"	Other inside labor	1	177	2 00	354 00	8
"	Engineer	1	177	2 42	428 34	8
"	Weighman	1	177	2 00	354 00	8
"	Trimmer	1	177	1 75	309 75	8
"	Greaser	1	177	1 25	221 25	8
10557	Pick miner	1	125	2 00	250 00	8
10559	Pick miners	4	147	1 57	230 79	8
10560	Pick miners	2	200	1 80	360 00	6
10561-1	Pick miners	38	74	4 08	301 92	8
"	Track layers	2	74	2 42	179 08	8
"	Drivers	5	74	2 42	179 08	8
"	Trappers	2	74	1 06	78 44	8
"	Other inside labor	1	74	2 42	179 08	8
"	Engineers	3	74	2 20	162 80	8
"	Weighman	1	74	2 12	156 88	8
"	Dumper	1	74	1 89	139 86	8
"	Trimmers	5	74	1 79	132 36	8
"	Blacksmith	1	74	2 67	197 58	8
"	Other outside labor	2	74	2 90	214 60	8
10561-2	Pick miners	45	139	3 69	512 91	8
"	Track layers	2	139	2 42	336 38	8
"	Drivers	2	139	2 42	336 38	8
"	Trappers	2	139	1 06	147 34	8
"	Other inside labor	1	139	1 89	262 71	8
"	Engineers	3	139	2 20	305 80	8
"	Weighman	1	139	2 12	294 68	8
"	Dumper	1	139	1 79	248 81	8
"	Trimmers	2	139	1 89	262 71	8
"	Blacksmiths	2	139	2 65	368 35	8

*10 mines.

TABLE IX23—COAL MINING—STARK COUNTY—Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10561-2	Other outside labor	1	139	$1 89	$262 71	8
10561-3	Pick miners	32	186	4 50	837 00	8
"	Track layers	2	186	2 42	450 12	8
"	Drivers	6	186	2 42	450 12	8
"	Cager	1	186	2 42	450 12	8
"	Trappers	3	186	1 06	197 16	8
"	Other inside labor	2	186	2 42	450 12	8
"	Engineers	3	186	2 20	409 20	8
"	Weighman	1	186	2 12	394 32	8
"	Dumpers	2	186	1 89	351 54	8
"	Trimmers	3	186	1 89	351 54	8
"	Blacksmith	1	186	2 65	492 90	8
"	Other outside labor	2	186	2 00	372 00	8
10561-4	Pick miners	43	157	3 88	609 16	8
"	Track layer	1	157	2 42	379 94	8
"	Drivers	4	157	2 42	379 94	8
"	Trappers	3	157	1 06	166 42	8
"	Other inside labor	1	157	2 42	379 94	8
"	Engineer	1	157	2 20	345 40	8
"	Fireman	1	157	1 89	296 73	8
"	Weighman	1	157	2 50	392 50	8
"	Dumpers	2	157	1 89	296 73	8
"	Trimmers	3	157	1 89	296 73	8
"	Blacksmith	1	157	2 65	416 05	8
"	Hostlers	3	157	1 89	296 73	8
10561-5	Pick miners	51	131	4 20	550 20	8
"	Track layers	2	131	2 42	317 02	8
"	Drivers	3	131	2 42	317 02	8
"	Trappers	2	131	1 06	138 86	8
"	Other inside labor	2	131	1 89	247 59	8
"	Engineers	3	131	2 20	288 20	8
"	Weighman	1	131	2 12	277 72	8
"	Dumpers	2	131	1 89	247 59	8
"	Trimmers	2	131	1 89	247 59	8
"	Blacksmith	1	131	2 65	347 15	8
10563	Pick miners	8	100	2 25	225 00	8
"	Track layer	1	100	2 25	225 00	8
"	Driver	1	100	1 75	175 00	8
"	Weighman	1	100	2 25	225 00	8
"	Trimmer	1	100	1 75	175 00	8
10564	Pick miners	5	175	2 25	393 75	8
"	Driver	1	175	2 00	350 00	8
"	Other inside labor	1	175	2 00	350 00	8
10565	Pick miners	6	273	2 60	709 80	8
10568	Pick miners	27	204	2 14	436 56	8
"	Track layer	1	204	2 10	428 40	8
"	Drivers	3	204	1 90	387 60	8
"	Trappers	2	204	1 00	204 00	8
"	Other inside labor	1	204	1 90	387 60	8
"	Engineer	1	204	2 40	489 60	8
"	Weighman	1	204	2 00	408 00	8
"	Dumper	1	204	1 50	306 00	8
"	Trimmer	1	204	1 60	326 40	8
"	Blacksmith	1	204	2 50	510 00	8
"	Other outside labor	1	204	1 90	387 60	8
10569	Pick miners	39	156	3 06	477 36	8
"	Machine cutters	16	156	2 80	436 80	8
"	Loaders	33	156	3 15	491 40	8
"	Track layers	2	156	2 45	382 20	8
"	Drivers	5	156	2 45	382 20	8
"	Pumper	1	156	1 67	260 52	8
"	Cagers	2	156	2 45	382 20	8
"	Trappers	4	156	1 08	168 48	8
"	Other inside labor	2	156	2 42	377 52	8
"	Engineers	3	156	2 22	346 32	8
"	Firemen	2	156	1 91	297 96	8
"	Weighman	1	156	2 42	377 52	8
"	Dumpers	2	156	1 88	293 28	8
"	Trimmers	3	156	1 86	290 16	8
"	Blacksmith	1	156	2 66	414 96	8

TABLE IX23—COAL MINING—STARK COUNTY—Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10569	Greaser	1	156	$1 46	$227 76	8
"	Hostler	1	156	2 00	312 00	8
"	Other outside labor	2	156	1 74	271 44	8
10570	Pick miners	4	200	1 75	350 00	8
†10571	Pick miners	12	250	1 75	437 50	7
"	Drivers	2	250	1 75	437 50	7
"	Weighman	1	250	1 75	437 50	7
"	Other outside labor	1	250	1 75	437 50	8
10572	Pick miners	3	300	1 98	594 00	8
10573	Pick miners	3	150	1 80	270 00	8
10574	Pick miners	8	300	2 00	600 00	8
"	Driver	1	300	1 50	450 00	8
"	Other inside labor	1	300	1 50	450 00	8
"	Engineer	1	300	1 50	450 00	9
10575	Pick miners	1	306	2 00	612 00	8
10576	Pick miners	8	150	2 00	300 00	8
10580	Pick miners	6	105	2 25	236 25	8
"	Driver	1	105	1 75	183 75	8
10581-1	Machine cutters	5	144	3 60	518 40	8
"	Loaders	30	144	2 75	396 00	8
"	Track layers	2	144	2 42	348 48	8
"	Drivers	4	144	2 42	348 48	8
"	Timbermen	2	144	2 44	350 36	8
"	Pumpers	2	144	2 23	321 12	8
"	Cager	1	144	2 42	348 48	8
"	Trappers	3	144	1 06	152 64	8
"	Engineers	3	144	2 25	324 00	8
"	Fireman	1	144	1 89	272 16	8
"	Weighman	1	144	2 00	288 00	8
"	Dumpers	2	144	1 80	259 20	8
"	Trimmers	3	144	1 80	259 20	8
"	Blacksmiths	2	144	2 10	302 40	8
10581-2	Machine cutters	5	144	3 60	518 40	8
"	Loaders	30	144	2 75	396 00	8
"	Track layers	2	144	2 42	348 48	8
"	Drivers	4	144	2 42	348 48	8
"	Timbermen	2	144	2 42	348 48	8
"	Pumpers	2	144	2 23	321 12	8
"	Cager	1	144	2 42	348 48	8
"	Trappers	3	144	1 06	152 64	8
"	Engineers	3	144	2 25	324 00	8
"	Fireman	1	144	1 89	272 16	8
"	Weighman	1	144	2 00	288 00	8
"	Dumpers	2	144	1 80	259 20	8
"	Trimmers	3	144	1 80	259 20	8
"	Blacksmiths	2	144	2 10	302 40	8
10582	Pick miners	5	34	1 75	59 50	8
"	Engineer	1	34	1 75	59 50	8
"	Dumper	1	34	1 50	51 00	8
10584	Pick miners	38	272	2 35	639 20	8
"	Track layers	2	272	2 42	658 24	8
"	Drivers	7	272	2 42	658 24	8
"	Cager	1	272	2 42	658 24	8
"	Trapper	1	272	1 06	288 32	8
"	Engineers	3	272	2 18	592 96	8
"	Weighman	1	272	3 12	848 64	8
"	Dumpers	2	272	1 82	495 04	8
"	Trimmers	3	272	1 89	514 08	8
"	Blacksmith	1	272	3 00	816 00	8
"	Greaser	1	272	2 23	606 56	8
"	Hostler	1	272	1 25	340 00	8
10585	Pick miners	3	100	2 00	200 00	8
10589	Pick miners	10	75	2 42	181 50	8

†2 mines.

TABLE IX24—COAL MINING—SUMMIT COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10088	Pick miners	25	220	$1 80	$396 00	8
"	Machine cutters	4	220	4 00	880 00	8
"	Loaders	40	220	2 00	440 00	8
"	Track layers	2	220	2 42	532 40	8
"	Drivers	7	220	2 42	532 40	8
"	Timbermen	9	220	2 23	490 60	8
"	Pumpers	2	220	2 23	490 60	8
"	Cagers	2	220	2 43	535 20	8
"	Trappers	3	220	1 06	233 20	8
"	Engineers	2	220	2 60	579 80	8
"	Fireman	1	220	1 89	415 80	11
"	Weighman	1	220	2 00	440 00	8
"	Dumpers	2	220	1 89	415 80	8
"	Trimmers	5	220	1 89	415 80	8
"	Blacksmith	1	220	1 75	385 00	8
"	Hostler	1	220	1 50	330 00	8
"	Other outside labor	3	220	1 89	415 80	8
10590	Pick miners	5	100	1 75	175 00	8
"	Track layer	1	100	2 00	200 00	8
"	Driver	1	100	2 00	200 00	8
"	Engineer	1	100	2 00	200 00	8
"	Other outside labor	1	100	1 25	125 00	8
10592	Pick miners	13	186	2 23	414 78	8
"	Track layer	1	186	2 56	476 16	8
"	Driver	1	186	2 56	476 16	8
"	Engineer	1	186	2 56	476 16	10
"	Weighman	1	186	2 56	476 16	10
10594	Pick miners	3	250	1 80	450 00	8
10597	Pick miners	50	220	3 00	660 00	8
"	Track layers	3	220	2 42	532 40	8
"	Drivers	7	220	2 42	532 40	8
"	Timberman	1	220	2 42	532 40	8
"	Pumpers	2	220	2 23	490 60	8
"	Cagers	2	220	2 42	532 40	8
10597	Trappers	3	220	1 06	233 20	8
"	Other inside labor	1	220	2 42	532 40	8
"	Engineers	3	220	2 18	479 60	8
"	Fireman	1	220	1 90	418 00	8
"	Weighman	1	220	2 00	440 00	8
"	Dumpers	2	220	1 89	415 80	8
"	Trimmers	2	220	1 89	415 80	8
"	Blacksmith	1	220	2 39	525 80	8
"	Hostler	1	220	1 50	330 00	8
10598	Pick miners	41	123	3 01	370 23	8
"	Track layers	2	123	2 42	297 66	8
"	Drivers	3	123	2 42	297 66	8
"	Cager	1	123	2 42	297 66	8
"	Trappers	3	123	1 06	130 38	8
"	Other inside labor	4	123	2 32	285 36	8
"	Engineers	3	123	2 18	268 14	8
"	Fireman	1	123	1 89	232 47	8
"	Dumpers	2	123	1 89	232 47	8
"	Trimmers	2	123	1 89	232 47	8
"	Blacksmith	1	123	2 39	293 97	8
"	Other outside labor	2	123	1 79	220 17	8
10700	Pick miners	67	85	2 80	238 00	8
"	Track layer	1	85	2 42	205 70	8
"	Drivers	3	85	2 40	204 00	8
"	Pumpers	2	85	2 23	189 55	8
"	Cager	1	85	2 42	205 70	8
"	Trappers	3	85	1 06	90 10	8
"	Engineers	3	85	2 19	186 15	8
"	Firemen	3	85	1 89	160 65	8
"	Weighman	1	85	2 00	170 00	8
"	Dumpers	2	85	1 89	160 65	8
"	Trimmers	2	85	1 89	160 65	8
"	Carpenter	1	85	2 50	212 50	8
"	Blacksmiths	2	85	2 52	214 20	8
10591	Pick miners	5	140	2 42	338 80	8
"	Driver	1	140	2 42	338 80	8
"	Engineer	1	140	2 42	338 80	8

TABLE IX25—COAL MINING—TRUMBULL COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10602	Pick miners	15	117	$1 91	$223 47	8
"	Track layer	1	117	2 42	283 14	8
"	Driver	1	117	2 42	283 14	8
"	Engineer	1	117	2 50	292 50	8
"	Weighman	1	117	1 66	194 22	10
10603	Pick miners	2	50	1 50	75 00	8
"	Driver	1	50	1 50	75 00	8
10604	Pick miners	2	200	2 00	400 00	8
"	Other outside labor	1	200	1 00	200 00	8

TABLE IX26—COAL MINING—TUSCARAWAS COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10089	Pick miners	55	240	$2 25	$540 00	8
"	Track layers	2	240	2 42	580 80	8
"	Drivers	8	240	2 42	580 80	8
"	Timberman	1	240	2 42	580 80	8
"	Pumper	1	240	2 23	535 20	8
"	Trappers	3	240	1 06	254 40	8
"	Engineer	1	240	2 42	580 80	10
"	Weighman	1	240	2 42	580 80	8
"	Dumper	1	240	2 23	535 20	8
"	Trimmer	1	240	1 89	453 60	8
"	Blacksmith	1	240	2 42	580 80	8
"	Greaser	1	240	1 89	453 60	8
"	Hostler	1	240	2 00	480 00	8
"	Other outside labor	3	240	1 89	453 60	8
10609	Pick miners	4	228	1 81	412 68	8
"	Driver	1	228	2 42	551 76	8
10610	Pick miners	2	200	1 50	300 00	8
10611	Pick miners	3	230	2 11	485 30	8
"	Driver	1	230	2 42	556 60	8
10612	Pick miners	3	300	2 00	600 00	8
10613	Pick miners	10	153	2 42	370 26	8
"	Track layer	1	153	2 42	370 26	8
"	Drivers	2	153	2 42	370 26	8
"	Pumper	1	153	2 23	341 16	8
"	Engineer	1	153	2 12	324 36	8
"	Weighman	1	153	2 00	306 00	8
*10614	Pick miners	83	170	3 55	603 50	8
"	Track layers	2	170	2 42	411 40	8
"	Drivers	9	170	2 42	411 40	8
"	Pumpers	2	170	2 23	379 10	8
"	Other inside labor	9	170	2 23	379 10	8
"	Engineer	1	170	2 42	411 40	8
"	Weighmen	2	170	2 15	365 50	8
"	Dumpers	2	170	1 89	321 30	8
"	Trimmers	4	170	1 89	321 30	8
"	Blacksmith	1	170	2 42	411 40	8
10616	Pick miners	5	82	2 20	180 40	7.5
"	Driver	1	82	2 00	164 00	8
"	Dumper	1	82	1 25	102 50	8
10617	Pick miners	6	180	3 00	540 00	8
"	Driver	1	180	2 50	450 00	8
†10618	Pick miners	250	150	2 50	375 00	8
"	Machine cutters	4	150	2 97	445 50	8
"	Loaders	12	150	2 50	375 00	8
"	Track layers	7	150	2 42	363 00	8
"	Drivers	18	150	2 42	363 00	8
"	Pumpers	3	150	2 00	300 00	8
"	Cagers	2	150	2 42	363 00	8
"	Trappers	14	150	1 06	159 00	8
"	Other inside labor	2	150	2 23	334 50	8
"	Engineers	3	150	2 70	405 00	10
"	Firemen	2	150	1 89	283 50	10
"	Weighmen	2	150	2 25	337 50	10
"	Dumpers	2	150	1 89	283 50	8
"	Trimmers	7	150	1 89	283 50	8
"	Blacksmiths	4	150	2 42	363 00	9
"	Greasers	2	150	1 06	159 00	8
"	Hostlers	2	150	2 00	300 00	12
10619	Pick miners	100	175	2 50	437 50	8
"	Track layers	3	175	2 42	423 50	8
"	Drivers	8	175	2 42	423 50	8
"	Trappers	5	175	1 06	185 50	8
"	Other inside labor	1	175	2 42	423 50	8
"	Engineer	1	175	2 70	472 50	10
"	Fireman	1	175	1 89	330 75	10
"	Weighman	1	175	2 25	393 75	10
"	Dumper	1	175	1 89	330 75	8

†2 mines.
*3 mines.

TABLE IX26—COAL MINING—TUSCARAWAS COUNTY —Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10619	Trimmers	3	175	$1 89	$330 75	8
"	Blacksmiths	3	175	2 70	472 50	8
"	Greaser	1	175	1 06	185 50	8
"	Hostler	1	175	2 00	350 00	12
"	Other outside labor	2	175	1 89	330 75	8
10621	Pick miners	2	150	1 75	262 50	8
"	Driver	1	150	1 75	262 50	8
10622	Pick miners	2	140	1 53	214 20	8
10623	Pick miners	4	172	1 60	275 20	8
"	Track layer	1	172	2 42	416 24	8
"	Other inside labor	1	172	1 88	323 36	8
10624	Pick miners	24	240	2 30	552 00	8
"	Track layer	1	240	2 42	580 80	8
"	Drivers	3	240	2 42	580 80	8
"	Pumper	1	240	2 23	535 20	8
"	Other inside labor	3	240	2 23	535 20	8
"	Engineer	1	240	2 30	552 00	8
"	Dumper	1	240	1 89	453 60	8
"	Trimmer	1	240	1 89	453 60	8
"	Blacksmith	1	240	2 42	580 80	8
10626	Pick miner	1	60	2 40	144 00	8
10628	Pick miners	3	230	2 50	575 00	8
"	Machine cutters	26	230	2 97	683 10	8
"	Loaders	75	230	2 25	517 50	8
"	Track layers	3	230	2 42	556 60	8
"	Drivers	8	230	2 42	556 60	8
"	Timberman	1	230	2 42	556 60	8
"	Pumper	1	230	2 42	556 60	8
"	Trappers	2	230	1 06	243 80	8
"	Other inside labor	5	230	2 23	512 90	8
"	Engineers	3	230	2 75	632 50	8
"	Fireman	1	230	2 00	460 00	8
"	Weighman	1	230	4 00	920 00	8
"	Dumpers	3	230	1 90	437 00	8
"	Trimmers	3	230	1 90	437 00	8
"	Carpenter	1	230	2 70	621 00	8
"	Blacksmiths	4	230	2 85	655 50	8
"	Greaser	1	230	1 90	437 00	8
"	Hostler	1	230	1 75	402 50	8
"	Other outside labor	1	230	2 00	460 00	8
†10629	Pick miners	176	202	2 55	515 10	8
"	Track layers	6	202	2 42	488 84	8
"	Drivers	10	202	2 42	488 84	8
"	Cagers	3	202	2 42	488 84	8
"	Trappers	5	202	1 06	214 12	8
"	Other inside labor	41	202	2 34	472 68	8
"	Engineers	4	202	2 50	505 00	8
"	Firemen	4	202	1 53	309 06	8
"	Weighmen	2	202	2 36	476 72	8
"	Trimmers	5	202	1 89	381 78	8
"	Blacksmiths	4	202	2 48	500 96	8
"	Greasers	2	202	1 06	214 12	8
"	Hostlers	2	202	1 50	303 00	8
"	Other outside labor	6	202	1 75	353 50	8
†10630	Pick miners	35	177	2 82	499 14	8
"	Machine cutters	10	177	3 63	642 51	8
"	Loaders	20	177	4 26	754 02	8
"	Track layer	1	177	2 42	428 34	8
"	Drivers	6	177	2 42	428 34	8
"	Trapper	1	177	1 06	187 62	8
"	Engineer	1	177	2 65	469 05	8
"	Fireman	1	177	1 89	334 53	8
"	Weighman	1	177	2 50	442 50	8
"	Dumpers	2	177	1 89	334 53	8
"	Trimmers	2	177	1 89	334 53	8
"	Blacksmith	1	177	2 50	442 50	8
10631	Pick miners	45	160	2 25	360 00	8
"	Track layers	2	160	2 42	387 20	8

†2 mines.

TABLE IX26—COAL MINING—TUSCARAWAS COUNTY —Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10631	Drivers	3	160	$2 42	$387 20	8
"	Timberman	1	160	2 42	387 20	8
"	Pumper	1	160	2 42	387 20	8
"	Other inside labor	2	160	2 42	387 20	8
"	Engineer	1	160	2 23	356 80	8
"	Weighman	1	160	2 14	342 40	8
"	Trimmer	1	160	1 75	280 00	8
"	Blacksmith	1	160	2 42	387 20	8
"	Hostler	1	160	2 42	387 20	8
"	Other outside labor	1	160	1 50	240 00	8
10632	Pick miners	65	240	2 50	600 00	8
"	Track layers	2	240	2 25	540 00	8
"	Drivers	6	240	2 42	580 80	8
"	Trappers	4	240	1 00	240 00	8
"	Engineers	2	240	2 00	480 00	8
"	Weighman	1	240	2 00	480 00	8
"	Dumpers	2	240	1 90	456 00	8
"	Trimmers	2	240	1 90	456 00	8
"	Blacksmith	1	240	2 28	547 20	8
"	Greaser	1	240	1 06	254 40	8
"	Hostler	1	240	1 65	396 00	8
†10633	Pick miners	76	180	2 70	486 00	8
"	Track layers	2	180	2 42	435 60	8
"	Drivers	10	180	2 42	435 60	8
"	Trapper	1	180	1 06	190 80	8
"	Engineer	1	180	4 33	779 40	8
"	Weighmen	2	180	4 66	838 80	8
"	Dumpers	2	180	1 89	340 20	8
"	Trimmers	2	180	1 89	340 20	8
"	Blacksmiths	2	108	2 60	468 00	8
"	Hostler	1	180	2 50	450 00	8
10634	Pick miners	4	81	2 32	187 92	8
"	Driver	1	81	2 00	162 00	8
10635	Pick miners	125	190	2 70	513 00	8
"	Track layers	3	190	2 42	459 80	8
"	Drivers	15	190	2 42	459 80	8
"	Timberman	2	190	2 42	459 80	8
"	Pumpers	2	190	2 42	459 80	8
"	Trappers	2	190	2 42	459 80	8
"	Other inside labor	3	190	2 42	459 80	8
"	Engineers	2	190	2 42	459 80	8
"	Firemen	2	190	1 50	285 00	8
"	Weighman	1	190	2 15	408 50	8
"	Trimmers	2	190	2 00	380 00	8
"	Carpenter	1	190	2 50	475 00	8
"	Blacksmith	1	190	2 42	459 80	8
"	Greasers	2	190	1 13	214 70	8
"	Hostler	1	190	2 42	459 80	8
"	Other outside labor	2	190	1 75	332 50	8
10636	Pick miners	15	285	2 25	641 25	8
"	Drivers	2	285	2 50	712 50	8
10637	Pick miners	12	30	2 00	60 00	8
"	Driver	1	30	2 42	72 60	8
10638	Pick miners	49	215	2 56	550 40	8
"	Track layer	1	215	2 42	520 30	8
"	Drivers	8	215	2 42	520 30	8
"	Pumper	1	215	2 23	479 45	8
"	Trappers	4	215	1 06	227 90	8
"	Other inside labor	6	215	2 23	479 45	8
"	Engineer	1	215	2 42	520 30	8
"	Weighman	1	215	2 23	479 45	8
"	Dumper	1	215	1 89	406 35	8
"	Trimmers	3	215	1 89	406 35	8
"	Blacksmith	1	215	2 42	520 30	8
"	Greaser	1	215	1 89	406 35	8
10639	Pick miners	25	200	2 00	400 00	8
"	Drivers	5	200	2 42	484 00	8
"	Timberman	1	200	2 42	484 00	8
"	Engineer	1	200	2 42	484 00	8
"	Weighman	1	200	2 12	424 00	8

†2 mines

TABLE IX26—COAL MINING—TUSCARAWAS COUNTY —Continued.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10639	Dumper	1	200	$1 98	$396 00	8
"	Blacksmith	1	200	2 42	484 00	8
*10641	Pick miners	134	114	2 80	319 20	8
"	Machine cutters	4	114	3 50	399 00	8
"	Loaders	12	114	2 60	296 40	8
"	Track layers	4	114	2 42	275 88	8
"	Drivers	8	114	2 42	275 88	8
"	Timbermen	3	114	2 42	275 88	8
"	Pumpers	2	114	2 42	275 88	8
"	Cager	1	114	2 42	275 88	8
"	Trappers	5	114	1 06	120 84	8
"	Other inside labor	3	114	2 23	254 22	8
"	Engineers	2	114	3 00	342 00	9
"	Firemen	2	114	2 23	254 22	10
"	Weighmen	3	114	3 00	342 00	8
"	Dumpers	3	114	1 89	215 46	8
"	Trimmers	6	114	1 89	215 46	8
"	Carpenter	1	114	2 75	313 50	8
"	Blacksmiths	4	114	2 42	275 88	8
"	Greasers	3	114	1 25	142 50	8
"	Hostlers	3	114	2 25	256 50	8
10642	Pick miners	22	86	2 00	172 00	8
"	Machine cutters	8	86	3 15	270 90	8
"	Loaders	45	86	3 15	270 90	8
"	Track layers	1	86	2 42	208 12	8
"	Drivers	3	86	2 42	208 12	8
"	Trappers	2	86	1 06	91 16	8
"	Other inside labor	4	86	2 23	191 78	8
"	Engineer	1	86	2 42	208 12	10
"	Weighman	1	86	3 00	258 00	8
"	Dumper	1	86	1 89	162 54	8
"	Trimmers	2	86	1 89	162 54	8
"	Blacksmith	1	86	2 42	208 12	8
"	Greaser	1	86	1 25	107 50	8
"	Hostler	1	86	2 25	193 50	8
"	Other outside labor	1	86	1 89	162 54	8
10643	Pick miners	6	167	2 75	459 25	8
"	Driver	1	167	2 42	404 14	8
"	Timberman	1	167	2 42	404 14	8
"	Weighman	1	167	2 00	334 00	8
"	Dumper	1	167	2 00	334 00	8
10646	Pick miners	47	132	2 00	264 00	8
"	Drivers	5	132	2 42	319 44	8
"	Trappers	3	132	1 06	139 92	8
"	Engineer	1	132	2 50	330 00	8
"	Fireman	1	132	1 50	198 00	8
"	Weighman	1	132	2 00	264 00	8
"	Dumper	1	132	1 90	250 80	8
"	Trimmers	2	132	1 90	250 80	8
"	Blacksmith	1	132	2 70	356 40	8
"	Other outside labor	1	132	2 42	319 44	8
10647	Pick miners	20	196	2 50	490 00	8
"	Machine cutters	2	196	3 00	588 00	8
"	Loaders	3	196	3 00	588 00	8
"	Track layers	2	196	2 42	474 32	8
"	Drivers	5	196	2 42	474 32	8
"	Cager	1	196	2 42	474 32	8
"	Trappers	2	196	1 06	207 76	8
"	Engineers	2	196	3 00	588 00	8
"	Fireman	1	196	2 00	392 00	8
"	Weighman	1	196	2 00	392 00	8
"	Trimmer	1	196	2 00	392 00	8
"	Blacksmith	1	196	2 50	490 00	8
10649	Pick miners	66	150	3 00	450 00	8
"	Track layers	2	150	2 42	363 00	8
"	Drivers	6	150	2 42	363 00	8
"	Timbermen	2	150	2 42	363 00	8
"	Trappers	2	150	1 06	159 00	8

*3 mines.

TABLE IX26—COAL MINING—TUSCARAWAS COUNTY —Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10649	Other inside labor	3	150	$2 29	$343 50	8
"	Weighman	1	150	2 00	300 00	8
"	Dumper	1	150	1 89	283 50	8
"	Trimmers	3	150	1 89	283 50	8
"	Blacksmiths	2	150	2 42	363 00	8
"	Greaser	1	150	1 06	159 00	8
"	Hostler	1	150	2 00	300 00	8
10649½	Pick miners	22	150	3 30	495 00	8
"	Track layers	2	150	2 42	363 00	8
"	Drivers	3	150	2 42	363 00	8
"	Timberman	1	150	2 42	363 00	8
"	Trapper	1	150	1 06	159 00	8
"	Other inside labor	1	150	2 42	363 00	8
"	Weighman	1	150	2 00	300 00	8
"	Dumper	1	150	1 89	283 50	8
"	Trimmers	2	150	1 89	283 50	8
"	Blacksmith	1	150	2 42	363 00	8
10627	Pick miners	30	221	3 20	707 20	8
"	Track layers	3	221	2 42	534 82	8
"	Drivers	3	221	2 42	534 82	8
"	Trapper	1	221	1 06	234 26	8
"	Weighman	1	221	2 42	534 82	8
"	Trimmers	2	221	1 89	417 69	8
"	Blacksmith	1	221	2 60	574 60	8
10640	Pick miners	25	200	3 00	600 00	8
"	Driver	1	200	2 42	484 00	8

TABLE IX27—COAL MINING—VINTON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
*10656	Pick miners	30	76	$2 00	$152 00	8
"	Drivers	3	76	1 95	148 20	8
"	Trapper	1	76	1 00	76 00	8
"	Other inside labor	1	76	1 95	148 20	8
"	Weighman	1	76	1 95	148 20	8
"	Trimmer	1	76	1 95	148 20	8
"	Blacksmith	1	76	2 25	171 00	8
10657	Pick miners	90	178	2 00	356 00	8
"	Track layers	2	178	2 00	356 00	8
"	Drivers	12	178	2 00	356 00	8
"	Timberman	1	178	2 00	356 00	8
"	Pumper	1	178	2 00	356 00	8
"	Cagers	2	178	2 00	356 00	8
"	Trappers	6	178	2 00	356 00	8
"	Engineers	2	178	2 50	445 00	8
"	Fireman	1	178	2 00	356 00	8
"	Weighman	1	178	2 25	400 50	8
"	Dumper	1	178	2 00	356 00	8
"	Trimmer	1	178	2 00	356 00	8
"	Blacksmith	1	178	2 50	445 00	8
"	Greaser	1	178	2 00	356 00	8
10658	Machine cutters	4	100	2 25	225 00	8
"	Loaders	25	100	2 00	200 00	8
"	Track layer	1	100	2 18	218 00	8
"	Drivers	3	100	1 97	197 00	8
"	Engineer	1	100	2 00	200 00	8
"	Weighman	1	100	1 97	197 00	8
10659	Pick miners	30	144	1 55	223 20	8
"	Track layer	1	144	2 18	313 92	8
"	Drivers	4	144	1 95	280 80	8
"	Other inside labor	3	144	1 95	280 80	8
"	Engineer	1	144	1 95	280 80	8
"	Weighman	1	144	1 95	280 80	8
"	Trimmer	1	144	1 95	280 80	8
10660	Pick miners	11	158	2 40	379 20	8
"	Machine cutters	2	158	2 75	434 50	8
"	Loaders	11	158	2 60	410 80	8
"	Track layer	1	158	1 95	308 10	8
"	Drivers	3	158	1 95	308 10	8
"	Engineer	1	158	2 50	395 00	8
"	Weighman	1	158	1 95	308 10	8
"	Dumper	1	158	1 95	308 10	8
"	Trimmer	1	158	1 95	308 10	8
"	Blacksmith	1	158	2 00	316 00	8
"	Other outside labor	1	158	1 50	237 00	8
10661	Pick miners	70	112	2 50	280 00	8
"	Track layer	1	112	2 18	244 16	8
"	Timbermen	4	112	1 95	218 40	8
"	Trappers	4	112	95	106 40	8
"	Engineer	1	112	2 25	252 00	10
"	Fireman	1	112	1 50	168 00	10
"	Weighman	1	112	1 95	218 40	8
"	Dumper	1	112	1 95	218 40	8
"	Trimmers	2	112	1 95	218 40	8
"	Blacksmith	1	112	1 50	168 00	8
"	Hostler	1	112	1 50	168 00	10
10662	Machine cutters	4	192	2 75	528 00	8
"	Loaders	22	192	2 50	480 00	8
"	Track layer	1	192	2 18	418 56	8
"	Drivers	5	192	1 95	374 40	8
"	Trapper	1	192	95	182 40	8
"	Engineer	1	192	2 25	432 00	8
"	Weighman	1	192	1 95	374 40	8
"	Trimmers	2	192	1 95	374 40	8
"	Blacksmith	1	192	2 50	480 00	8
"	Hostler	1	192	1 95	374 40	8

*2 mines.

TABLE IX27—COAL MINING—VINTON COUNTY —Concluded.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10663	Pick miners	5	15	$5 95	$89 25	8
"	Driver	1	15	2 50	37 50	8
10664	Pick miners	15	150	1 60	240 00	8
"	Machine cutters	3	150	1 65	247 50	8
"	Loaders	20	150	1 62	243 00	8
"	Track layer	1	150	2 31	346 50	8
"	Drivers	2	150	1 95	292 50	8
"	Cager	1	150	1 95	292 50	8
"	Other inside labor	2	150	1 95	292 50	8
"	Engineer	1	150	2 30	345 00	8
"	Weighman	1	150	1 95	292 50	8
"	Trimmers	2	150	1 95	292 50	8
"	Blacksmith	1	150	2 42	363 00	8
"	Hostler	1	150	1 95	292 50	8

TABLE IX28—COAL MINING—WASHINGTON COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10670	Pick miners	7	260	$1 02	$163 20	8
"	Track layer	1	260	1 50	390 00	8
"	Drivers	2	260	1 50	390 00	8

TABLE IX29—COAL MINING—WAYNE COUNTY.

Schedule Number.	Occupation.	Number employed.	Average number of days worked in 1904.	Average daily wages.	Average yearly earnings, 1904.	Average hours of daily labor.
10675	Pick miners	70	175	$2 20	$385 00	8
"	Track layer	1	175	2 42	423 50	8
"	Drivers	4	175	2 42	423 50	8
"	Cager	1	175	2 42	423 50	8
"	Engineer	1	175	2 90	507 50	8
"	Fireman	1	175	2 00	350 00	8
"	Trimmer	1	175	1 89	330 75	8
"	Blacksmith	1	175	2 65	463 75	8
"	Hostler	1	175	58	101 50	8
"	Other outside labor	1	175	1 75	306 25	8
*10676	Pick miners	125	150	2 50	375 00	8
"	Track layers	4	150	2 42	363 00	8
"	Drivers	11	150	2 42	363 00	8
"	Cagers	2	150	2 42	363 00	8
"	Trappers	6	150	1 06	159 00	8
"	Engineers	6	150	2 40	360 00	8
"	Fireman	1	150	1 89	283 50	10
"	Weighman	2	150	2 25	337 50	10
"	Dumpers	2	150	1 89	283 50	8
"	Trimmers	6	150	1 89	283 50	8
"	Carpenters	2	150	2 50	375 00	8
"	Blacksmiths	2	150	2 42	363 00	8
"	Hostler	1	150	1 89	283 50	12
10677	Pick miners	26	90	3 00	270 00	8
"	Track layer	1	90	2 42	217 80	8
"	Drivers	42	90	2 42	217 80	8
"	Pumpers	2	90	2 23	200 70	8
"	Cager	1	90	2 23	200 70	8
"	Trappers	2	90	1 06	95 40	8
"	Engineers	3	90	2 15	193 50	8
"	Fireman	1	90	1 89	170 10	8
"	Weighman	1	90	2 00	180 00	8
"	Dumper	1	90	1 89	170 10	8
"	Trimmer	1	90	1 89	170 10	8
10677	Blacksmith	1	90	2 40	216 00	8
"	Greaser	1	90	1 89	170 10	8
10680	Pick miners	2	200	1 50	300 00	6
10681	Pick miners	3	265	2 50	662 50	8
"	Driver	1	265	1 50	397 50	8
"	Weighman	1	265	1 50	397 50	8

*2 mines.

TABLE X—COAL MINING.

Showing the Number in Each Occupation Affected by a Change in Wages for the Year 1904.

Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Pick miners	51	9.4	....
Pick miners	7,866	....	5.5
Machine cutters	1,668	....	5.9
Loaders	11,970	....	5.9
Track layers	3	8	....
Track layers	463	....	5.6
Drivers	4	8	....
Drivers	2,022	....	5.6
Timbermen	232	....	5.5
Pumpers	179	....	5.6
Cagers	183	....	5.6
Trappers	834	....	5.5
Other inside labor	1,101	....	5.5
Engineer	1	2.5	....
Engineers	335	....	5.6
Fireman	1	4	....
Firemen	192	....	5.5
Weighmen	176	....	5.5
Dumpers	2	15	....
Dumpers	291	....	5.6
Trimmers	2	15	....
Trimmers	600	....	5.5
Carpenters	100	....	5.4
Blacksmiths	308	....	5.5
Greasers	144	....	5.5
Hostlers	100	....	5.5
Other outside labor	579	....	5.4
Totals and averages	64	9.4	....
	29,343	....	5.6

TABLE XI—COAL MINING.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Athens	Pick miners	66	....	5.1
"	Machine cutters	319	....	5.7
"	Loaders	3,255	....	5.7
"	Track layers	53	....	5.7
"	Drivers	295	....	5.6
"	Timbermen	20	....	6.1
"	Pumpers	31	....	5.8
"	Cagers	65	....	5.8
"	Trappers	169	....	5.8
"	Other inside labor	83	....	5.8
"	Engineers	48	....	5.8
"	Firemen	36	....	5.7
"	Weighmen	20	....	5.5
"	Dumpers	44	....	5.9
"	Trimmers	130	....	5.8
"	Carpenters	25	....	5.8
"	Blacksmiths	43	....	5.7
"	Greasers	21	....	6
"	Hostlers	21	....	5.7
"	Other outside labor	53	....	5.8
Belmont	Pick miners	1,286	....	5.4
"	Machine cutters	263	....	5.5
"	Loaders	1,452	....	5.5
"	Track layers	59	....	5.5
"	Drivers	282	....	5.5
"	Timbermen	48	....	5.4
"	Pumpers	4	....	5.5
"	Cagers	6	....	5.5
"	Trappers	80	....	5.4
"	Other inside labor	200	....	5.5
"	Engineers	40	....	5.5
"	Firemen	17	....	5.5
"	Weighmen	24	....	5.5
"	Dumpers	30	....	5.5
"	Trimmers	69	....	5.4
"	Carpenters	17	....	5.5
"	Blacksmiths	44	....	5.5
"	Greasers	16	....	5.6
"	Hostlers	12	....	5.5
"	Other outside labor	102	....	5.5
Carroll	Pick miners	10	....	5.5
"	Machine cutters	65	....	5.5
"	Loaders	300	....	5.5
"	Track layers	8	....	5.5
"	Drivers	42	....	5.5
"	Timbermen	5	....	5.5
"	Pumpers	5	....	5.5
"	Trappers	16	....	5.5
"	Other inside labor	5	....	5.5
"	Engineers	9	....	5.5
"	Firemen	3	....	5.5
"	Weighmen	4	....	5.5
"	Dumpers	6	....	5.5
"	Trimmers	11	....	5.5
"	Carpenter	1	....	5.5
"	Blacksmiths	3	....	5.5
"	Greasers	3	....	5.5
"	Other outside labor	2	....	5.5
Columbiana	Pick miners	45	8	....
"	Pick miners	115	....	5.5
"	Machine cutters	16	....	5.5
"	Loaders	210	....	5.5
"	Track layers	3	8	....
"	Track layers	14	....	5.5
"	Drivers	4	8	....
"	Drivers	39	....	5.6
"	Timbermen	2	....	5.5
"	Pumpers	8	....	5.5
"	Cagers	4	....	5.5
"	Trappers	8	....	5.5
"	Other inside labor	8	....	5.5

TABLE XI—COAL MINING—Continued.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Columbiana—Concluded	Engineer	1	2.5	....
"	Engineers	8	....	5.5
"	Firemen	4	....	5.5
"	Weighmen	6	....	5.3
"	Dumpers	2	15	....
"	Dumpers	4	....	5.5
"	Trimmers	2	15	....
"	Trimmers	5	....	5.5
"	Carpenter	1	....	5.5
"	Blacksmiths	9	....	5.2
"	Greasers	3	....	5.5
"	Hostlers	2	....	5
"	Other outside labor	1	6	....
"	Other outside labor	5	....	5.4
Coshocton	Pick miners	198	....	5.5
"	Machine cutters	30	....	5.3
"	Loaders	174	....	3.9
"	Track layers	17	....	5.2
"	Drivers	55	....	5.3
"	Timbermen	13	....	5.5
"	Pumpers	9	....	5.2
"	Trappers	10	....	5.4
"	Other inside labor	21	....	5.2
"	Engineers	4	....	5.2
"	Firemen	2	....	5
"	Weighmen	5	....	5.4
"	Dumpers	15	....	5.2
"	Trimmers	11	....	5.4
"	Carpenters	2	....	5
"	Blacksmiths	8	....	5
"	Greasers	5	....	5.1
"	Hostlers	4	....	5.2
"	Other outside labor	14	....	5.1
Guernsey	Pick miners	78	....	5.5
"	Machine cutters	104	....	5.5
"	Loaders	755	....	5.6
"	Track layers	30	....	5.5
"	Drivers	122	....	5.5
"	Timbermen	13	....	5.5
"	Pumpers	14	....	5.5
"	Cagers	22	....	5.5
"	Trappers	47	....	5.5
"	Other inside labor	79	....	5.5
"	Engineers	21	....	5.5
"	Firemen	22	....	5.5
"	Weighmen	8	....	5.4
"	Dumpers	17	....	5.5
"	Trimmers	21	....	5.6
"	Carpenters	5	....	5.5
"	Blacksmiths	15	....	5.6
"	Greasers	4	....	5.5
"	Hostlers	8	....	5.5
"	Other outside labor	13	....	5.5
Harrison	Pick miners	343	....	5.4
"	Machine cutters	5	....	5.5
"	Loaders	41	....	5.5
"	Track layers	7	....	9.6
"	Drivers	35	....	7.5
"	Timberman	5	....	8.4
"	Pumper	1	....	20
"	Trappers	7	....	5.4
"	Other inside labor	11	....	5.5
"	Engineers	4	....	7
"	Dumpers	7	....	5.2
"	Trimmers	9	....	5.4
"	Carpenter	1	....	5.5
"	Blacksmiths	3	....	5.4
Hocking	Pick miners	8	....	5.5
"	Machine cutters	77	....	5.5
"	Loaders	845	....	5.5

TABLE XI—COAL MINING—Continued.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Hocking—Concluded	Track layers	18	....	5.5
"	Drivers	73	....	5.5
"	Timbermen	15	....	5.5
"	Pumpers	6	....	5.5
"	Trappers	44	....	5.5
"	Other inside labor	58	....	5.5
"	Engineers	10	....	5.5
"	Firemen	13	....	5.5
"	Weighmen	7	....	5.5
"	Dumpers	12	....	5.5
"	Trimmers	32	....	5.5
"	Carpenters	6	....	5.5
"	Blacksmiths	10	....	5.5
"	Greasers	7	....	5.5
"	Hostlers	5	....	5.5
"	Other outside labor	15	....	5.5
Holmes	Pick miner	16	....	5.5
"	Track layer	1	....	5.5
"	Drivers	2	....	5.5
"	Engineer	1	....	5.5
"	Weighman	1	....	5.5
"	Dumper	1	....	5.5
"	Blacksmith	1	....	5.5
Jackson	Pick miners	1,047	....	5.4
"	Machine cutters	86	....	8
"	Loaders	298	....	5.8
"	Track layers	44	....	5.4
"	Drivers	337	....	5.3
"	Timbermen	15	....	5.5
"	Pumpers	13	....	5.4
"	Cagers	28	....	5.4
"	Trappers	103	....	5.2
"	Other inside labor	195	....	5.4
"	Engineers	20	....	5
"	Firemen	8	....	5.4
"	Weighmen	13	....	5.4
"	Dumpers	16	....	5.3
"	Trimmers	49	....	5.4
"	Carpenter	1	....	5.5
"	Blacksmiths	31	....	5.5
"	Greasers	17	....	5.4
"	Hostlers	2	....	5.3
"	Other outside labor	72	....	5.5
Jefferson	Pick miners	2	20	....
"	Pick miners	825	....	5.6
"	Machine cutters	226	....	5.5
"	Loaders	1.744	....	5.5
"	Track layers	58	....	5.5
"	Drivers	197	....	5.5
"	Timbermen	39	....	5.5
"	Pumpers	16	....	5.5
"	Cagers	4	....	5.5
"	Trappers	111	....	5.5
"	Other inside labor	153	....	5.4
"	Engineers	27	....	5.5
"	Firemen	17	....	5.5
"	Weighmen	13	....	5.5
"	Dumpers	30	....	5.3
"	Trimmers	53	....	5.5
"	Carpenters	20	....	5.4
"	Blacksmiths	33	....	5.4
"	Greasers	20	....	5.4
"	Hostlers	7	....	5.5
"	Other outside labor	168	....	5.3
Lawrence	Pick miners	97	....	5.3
"	Machine cutters	8	....	5.5
"	Loaders	50	....	5.5
"	Track layers	3	....	5.3
"	Drivers	17	....	5.4
"	Timberman	1	....	5.5

TABLE XI—COAL MINING—Continued.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Lawrence—Concluded	Trappers	9	....	5.4
"	Other inside labor	7	....	5.5
"	Weighmen	2	....	5
"	Dumpers	6	....	5.3
"	Trimmers	5	....	5.4
"	Blacksmiths	3	....	5.3
"	Greasers	2	....	5.5
"	Hostler	1	....	5.5
Mahoning	Pick miners	337	....	5.5
"	Loaders	6	....	5.5
"	Track layers	6	....	5.6
"	Drivers	7	....	5.6
"	Timberman	1	....	5.5
"	Pumper	1	....	5.5
"	Other inside labor	2	....	6
"	Engineers	4	....	5.5
"	Weighman	1	....	5.5
"	Dumper	1	....	5.5
"	Trimmer	1	....	5.5
"	Blacksmith	1	....	5.5
"	Other outside labor	6	....	5.5
Medina	Pick miners	19	....	5.8
"	Drivers	3	....	5.8
"	Other inside labor	1	....	6
"	Engineer	1	....	5.5
Meigs	Pick miners	191	....	9.7
"	Loaders	50	....	5.5
"	Track layers	4	....	5.5
"	Drivers	35	....	5.6
"	Timberman	1	....	5
"	Trappers	2	....	5.5
"	Other inside labor	13	....	5.5
"	Dumpers	4	....	5.5
"	Other outside labor	12	....	5.1
Morgan	Machine cutters	21	....	6.5
"	Loaders	102	....	6.6
"	Track layers	3	....	5.5
"	Drivers	14	....	6.7
"	Trappers	4	....	5.5
"	Other inside labor	8	....	5.5
"	Engineers	4	....	7.2
"	Fireman	1	4	....
"	Weighmen	2	....	7.2
"	Dumpers	2	....	7.2
"	Trimmers	5	....	6.9
"	Blacksmiths	2	....	7.2
"	Hostler	1	....	5.5
"	Other outside labor	9	....	5.5
Muskingum	Pick miners	91	....	5.5
"	Track layers	2	....	5.5
"	Drivers	8	....	5.5
"	Trappers	4	....	5 5
"	Other inside labor	4	....	5.5
"	Weighman	1	....	5.5
"	Dumper	1	....	5.5
"	Trimmers	4	....	5.5
"	Carpenter	1	....	5.5
"	Blacksmith	1	....	5.5
"	Other outside labor	1	....	5.5
Noble	Pick miners	4	20	....
Perry	Pick miners	447	....	5.5
"	Machine cutters	287	....	6.8
"	Loaders	2,391	....	6.7
"	Track layers	59	....	5.5
"	Drivers	230	....	5.5
"	Timbermen	36	....	5.5
"	Pumpers	29	....	5.5
"	Cagers	25	....	5.5
"	Trappers	114	....	5.5
"	Other inside labor	139	....	5.5
"	Engineers	43	....	5.5

TABLE XI—COAL MINING—Continued.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Perry—Concluded	Firemen	38	....	5.5
"	Weighmen	25	....	5.5
"	Dumpers	41	....	5.5
"	Trimmers	93	....	5.5
"	Carpenters	15	....	5.5
"	Blacksmiths	50	....	5.5
"	Greasers	21	....	5.0
"	Hostlers	18	....	5.5
"	Other outside labor	80	....	5.5
Stark	Pick miners	1,178	....	5.5
"	Machine cutters	28	....	5.5
"	Loaders	143	....	5.5
"	Track layers	27	....	6.3
"	Drivers	90	....	6.2
"	Pumpers	23	....	6.2
"	Cagers	15	....	6
"	Trappers	42	....	5.5
"	Other inside labor	34	....	5.7
"	Engineers	53	....	5.5
"	Firemen	14	....	5.5
"	Weighmen	20	....	5.8
"	Dumpers	29	....	6.2
"	Trimmers	42	....	5.5
"	Carpenter	1	....	5.5
"	Blacksmiths	19	....	5.5
"	Greasers	12	....	5.4
"	Hostlers	4	....	5.3
"	Other outside labor	9	....	6.9
Summit	Pick miners	116	....	5.5
"	Machine cutters	4	....	5.5
"	Loaders	40	....	5.5
"	Track layers	7	....	5.5
"	Drivers	17	....	5.5
"	Timbermen	10	....	5.5
"	Pumpers	4	....	5.5
"	Cagers	5	....	5.5
"	Trappers	9	....	5.5
"	Other inside labor	5	....	5.5
"	Engineers	8	....	5.5
"	Firemen	3	....	5.5
"	Weighmen	2	....	5.5
"	Dumpers	6	....	5.5
"	Trimmers	9	....	5.5
"	Blacksmiths	3	....	5.5
"	Hostlers	2	....	5.5
"	Other outside labor	5	....	5.5
Tuscarawas	Pick miners	1,177	....	5.4
"	Machine cutters	26	....	5.5
"	Loaders	89	....	5.5
"	Track layers	37	....	5.4
"	Drivers	107	....	5.5
"	Timbermen	8	....	5.4
"	Pumpers	13	....	5.4
"	Cagers	6	....	5.5
"	Trappers	43	....	5.5
"	Other inside labor	75	....	5.5
"	Engineers	19	....	5.5
"	Firemen	12	....	5.4
"	Weighmen	17	....	5.5
"	Dumpers	16	....	6.8
"	Trimmers	42	....	5.5
"	Carpenters	2	....	5.2
"	Blacksmiths	25	....	5.5
"	Greasers	12	....	5.4
"	Hostlers	11	....	5.4
"	Other outside labor	13	....	5.5
Vinton	Pick miners	70	....	5.5
"	Machine cutters	4	....	5
"	Loaders	25	....	5
"	Track layers	2	....	5.2
"	Drivers	7	....	5.3
"	Trappers	4	....	5.5

TABLE XI—COAL MINING—Concluded.

Showing by Counties the Number in Each Occupation Affected by a Change in Wages for the year 1904.

Counties.	Occupation.	Number of employes.	Advanced per cent.	Reduced per cent.
Vinton—Concluded	Engineers	2	....	5.2
"	Fireman	1	....	5.5
"	Weighmen	2	....	5.2
"	Dumper	1	....	5.5
"	Trimmers	2	....	5.5
"	Blacksmith	1	....	5.5
"	Hostler	1	....	5.5
Wayne	Pick miners	151	....	5.5
"	Track layers	5	....	5.5
"	Drivers	15	....	5.5
"	Pumpers	2	....	5.5
"	Cagers	3	....	5.5
"	Trappers	8	....	5.5
"	Engineers	9	....	5.5
"	Firemen	2	....	5.5
"	Weighmen	3	....	5.5
"	Dumpers	3	....	5.5
"	Trimmers	7	....	5.5
"	Carpenters	2	....	5.5
"	Blacksmiths	3	....	5.5
"	Greaser	1	....	5.5
"	Hostler	1	....	5.5

Part V.

FREE PUBLIC EMPLOYMENT OFFICES AND CHRONOLOGY OF LABOR BUREAUS.

CLEVELAND OFFICE.

Cleveland, Ohio, November 9, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

DEAR SIR:—I have the honor to submit herewith the annual report for the twelve months ending October 31, 1905. Also the itemized expense account for same period.

Owing to the remarkable influx of strangers into the city, this office has been unable to meet the demands for situations wanted. On the other hand, this fact has also had the tendency to lessen the demand for help wanted.

In the ladies' department this office has supplied more situations than it has in previous years.

Respectfully,

I. M. McMULLAN.

COLUMBUS OFFICE.

Columbus, Ohio, November 1, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

SIR:—I have the honor to herewith submit the 15th annual report of the Free Public Employment Office, of Columbus, Ohio, for the twelve months ending October 31, 1905. You will also find enclosed an itemized account of the expenditures of this office for the same period.

Very truly yours,

S. P. EWING, Superintendent.

CINCINNATI OFFICE.

Cincinnati, Ohio, November 1, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

DEAR SIR:—I herewith enclose you the annual report of the Free Public Employment Bureau, of Cincinnati, Ohio, for the year, closing October 31, 1905.

You will also find enclosed, the financial report for the same period.

The tabulated report of this office is arranged weekly, covering (52) fifty-two weeks and dating from the week closing November 3d, 1904, up to and including the week ending October 26, 1905.

You will notice by the reports, that this office is in a flourishing condition with bright prospects for a continuance.

Thanking you and your office force for past considerations, I trust to remain,

Very truly yours,

JAMES S. RICHARDSON, Superintendent.

DAYTON OFFICE.

Dayton, Ohio, November 1, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

DEAR SIR:—I have the honor to herewith submit my annual statement of business done in the Dayton Free Public Employment Office, for the year ending, October 31st, 1905. Also itemized financial report for same time.

You will see by our tabulated report giving number of situations wanted, help wanted, and positions secured, that the business of this office compares favorably with previous years. That the demand for both male and female help has been greater than the supply.

I regret very much during the past year, we have had no funds for advertising our office, and would heartily recommend that the incoming legislature appropriate at least $100.00 a year for advertising and contingent fund.

There has been during the past year, three private employment offices started in this city. One of them has gone out of business, the second one which was established about June 15th, is still doing business. The third and last one was established about October 1st. I have not heard of a position they have secured for any one as yet.

Yours very truly,

JOHN F. ILIFF, Superintendent.

TOLEDO OFFICE.

Toledo, Ohio, November 1, 1905.

Hon. M. D. Ratchford, Commissioner of Labor Statistics, Columbus, Ohio:

SIR:—I have the honor to submit herewith a statement of the business transacted by the Free Public Employment Office of this city for the twelve months ending October 31, 1905, also expense report covering the same period.

Yours truly,

SAM COHN, Superintendent.

REPORT OF FREE EMPLOYMENT OFFICE OF CLEVELAND FROM ITS ORGANIZATION JULY 1, 1890.

Year.	Males.			Females.			Applications filled.	
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
							per ct.	per ct.
1890	2,532	3,189	1,333	1,277	1,231	847	57¼	49⅓
1891	6,308	925	886	3,830	3,471	2,508	33½	77¼
1892	3,645	1,162	920	3,539	4,577	2,664	49¾	62½
1893	2,964	935	768	4,157	2,671	2,825	50⅓	99⅔
1894	2,942	283	273	3,517	2,065	1,846	32¾	90¼
1895	1,980	450	444	2,732	2,963	2,009	52	71¾
1896	1,290	323	323	3,479	3,720	2,688	63	74½
1897	2,684	919	855	3,244	3,320	2,608	58½	81¾
1898	3,725	1,269	1,084	3,870	3,361	2,562	48	78¾
1899	3,173	1,037	657	1,350	1,640	1,051	37¾	63¾
1900	2,253	312	298	1,606	2,379	1,464	45⅔	65½
1901	3,384	3,264	2,108	2,765	3,069	1,947	66	64
1902	3,411	4,586	2,606	2,390	2,819	1,933	78¼	61¼
1903	3,238	4,141	2,566	2,324	2,852	2,131	84 2-5	67 1-5
1904	1,728	1,453	1,051	2,082	2,280	1,790	74 3-5	73 2-5
1905, 1st quarter	417	371	272	564	610	473	76	76
1905, 2d quarter	549	622	469	642	853	599	89⅔	72 2-5
1905, 3rd quarter	688	853	600	813	961	730	88 3-5	73⅓
Total	46,911	26,094	17,513	44,181	44,842	32,675	55 1-10	70¾

REPORT OF FREE PUBLIC EMPLOYMENT OFFICE OF COLUMBUS FROM ITS ORGANIZATION SEPTEMBER 2, 1890.

Year.	Males.			Females.			Applications filled.	
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
							per ct.	per ct.
1890	1,965	1,192	684	710	722	525	45¼	63
1891	3,128	1,534	915	1,739	2,268	1,481	49¼	63
1892	2,907	2,013	1,244	1,658	2,162	1,152	52⅓	57⅓
1893	3,219	1,142	1,165	2,060	1,879	1,165	44	77
1894	2,672	605	456	2,226	1,852	1,343	36¾	73¼
1895	2,887	725	499	2,187	2,358	1,590	41	67¾
1896	3,422	700	585	2,476	2,350	1,928	42⅔	82⅓
1897	3,725	798	610	1,192	2,635	2 424	61¾	88⅓
1898	3,872	746	593	652	3,135	2,889	77	89¾
1899	3,161	982	564	1,891	3,642	2,140	53½	58½
1900	1,217	1,270	499	1,895	2,985	1,581	66¾	48¾
1901	1,181	1,022	828	1,586	2,919	1,592	87½	61½
1902	1,616	2,439	1,447	1,443	2,855	1,417	93 3-5	54
1903	1,875	2,145	1,760	1,493	2,735	1,355	92½	63 4-5
1904	1,469	1,652	1,422	2,061	2,888	1,885	93⅔	72 4-5
1905, 1st quarter	253	305	248	563	839	523	94½	67 2-5
1905, 2d quarter	467	516	458	589	1,035	558	96 1-5	65½
1905, 3rd quarter	718	815	642	787	1,126	700	89 1-10	69 1-10
Total	39,754	20,601	14,619	27,208	40,385	26,248	61	67

REPORT OF FREE PUBLIC EMPLOYMENT OFFICE OF CINCINNATI FROM ITS ORGANIZATION JULY 25, 1890.

Year.	Males.			Females.			Applications filled.	
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
							per ct.	per ct.
1890	4,763	2,803	1,830	1,818	2,787	1,126	43⅓	52¾
1891	4,811	3,369	2,312	3,428	3,291	2,129	54	66⅔
1892	3,139	1,980	1,497	2,789	2,782	1,613	52½	65⅓
1893	2,740	1,344	933	2,536	2,531	1,541	46¾	63¾
1894	2,778	297	267	3,162	1,383	1,144	23¾	84
1895	2,442	326	319	2,774	1,995	1,592	36⅔	82⅓
1896	1,821	262	237	2,180	1,568	1,230	36⅔	80
1897	1,399	163	160	1,606	905	764	30¾	86½
1898	1,620	178	173	1,760	1,081	871	31	83
1899	2,249	433	409	1,835	1,888	1,149	38	67
1900	2,552	1,323	1,246	1,463	2,018	1,033	56¾	68¼
1901	2,423	1,527	1,305	2,101	2,802	1,646	65¼	68⅓
1902	3,204	2,564	2,410	2,115	2,845	1,767	78½	77¼
1903	3,528	3,020	2,871	1,970	3,024	1,631	81 9-10	74½
1904	1,898	1,621	1,397	2,411	2,778	2,071	80½	78 4-5
1905, 1st quarter	550	428	428	512	588	445	82 1-5	86
1905, 2d quarter	1,002	917	911	479	629	418	89¾	86
1905, 3rd quarter	915	843	834	491	566	408	88⅓	88 1-10
Total	43,834	23,398	19,539	35,430	35,461	22,578	53 1-10	71½

REPORT OF FREE PUBLIC EMPLOYMENT OFFICE OF DAYTON FROM ITS ORGANIZATION JUNE 30, 1890.

Year.	Males.			Females.			Applications filled.	
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
							per ct.	per ct.
1890	2,944	1,384	399	1,083	878	418	20¼	31¾
1891	3,351	1,386	790	2,118	2,004	1,119	34¾	56⅓
1892	2,671	1,282	883	1,474	1,770	989	45	61⅓
1893	3,052	1,613	1,121	1,833	2,290	1,627	56¼	70½
1894	3,657	800	777	3,761	2,447	1,934	36½	83½
1895	3,689	905	868	4,451	3,197	2,621	42¾	85
1896	3,578	884	780	4,957	3,109	2,696	40¾	87
1897	2,870	759	806	3,729	2,731	3,015	58	109½
1898	2,475	927	930	3,138	3,038	2,937	68¾	97½
1899	4,114	2,192	2,030	3,065	5,360	2,193	58¾	56
1900	3,113	2,507	1,701	2,691	4,385	1,954	63	53
1901	3,221	2,684	1,931	2,887	5,792	2,135	66½	48
1902	3,931	4,472	3,147	2,491	7,194	2,080	81 2-5	44 4-5
1903	3,449	3,793	2,982	2,185	7,163	2,026	88 9-10	45 7-10
1904	2,322	2,170	2,035	2,234	4,732	2,119	87⅓	60 1-5
1905, 1st quarter	453	403	379	512	1,233	488	89 4-5	53
1905, 2d quarter	1 041	998	957	426	1,561	413	93⅓	53½
1905, 3rd quarter	929	1,012	862	533	1,331	512	94	58⅔
Total	50,860	30,171	23,378	43,568	60,215	31,276	57 4-5	60½

REPORT OF FREE PUBLIC EMPLOYMENT OFFICE OF TOLEDO FROM ITS ORGANIZATION JUNE 26, 1890.

Year.	Males.			Females.			Applications filled.	
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
							per ct.	per ct.
1890	2,334	2,885	1,329	719	1,083	497	59¾	46
1891	3,859	2,481	2,064	1,799	2,479	1,391	61	69⅔
1892	3,160	1,790	1,361	1,964	2,654	1,422	54⅓	62⅔
1893	2,194	792	579	2,099	2,032	1,477	47¾	72¾
1894	2,472	441	367	1,950	1,693	1,359	39	80¾
1895	3,167	645	547	1,649	1,659	1,236	37	77⅓
1896	2,557	879	836	1,937	1,885	1,616	54½	88¾
1897	2,481	1,650	1,481	3,527	5,233	4,324	96⅔	82¾
1898	2,426	1,378	1,249	3,471	5,532	4,407	96	81¾
1899	2,562	1,572	1,398	2,745	5,151	3,398	90⅓	71⅓
1900	1,944	1,196	970	2,121	4,062	2,598	87¾	67⅔
1901	2,426	3,230	1,983	1,349	1,965	1,362	88⅔	64⅓
1902	3,995	3,913	2,704	2,372	2,926	1,917	72 3-5	67 3-5
1903	3,777	3,950	2,726	1,832	2,315	1,639	77 4-5	69 7-10
1904	2,006	1,869	1,365	1,122	1,623	840	70½	63 1-5
1905, 1st quarter	360	209	178	278	338	214	61 2-5	71⅔
1905, 2d quarter	726	789	594	360	499	308	83	70
1905, 3rd quarter	1,106	1,356	1,024	328	433	279	90 9-10	72 4-5
Total	43,552	31,025	22,755	31,622	43,561	30,284	70½	71 1-10

SUMMARY.
FROM REPORTS OF THE FIVE OFFICES, WITH POPULATION OF CITIES IN WHICH OFFICES ARE LOCATED.

Cities.	Population.	Males and females.			Applications filled.	
		Situations wanted.	Help wanted.	Positions secured.	For situations.	For help.
					per ct.	per ct.
Cleveland	381,768	91,092	70,936	50,188	55 1-10	70 3-4
Columbus	125,560	66,962	60,986	40,867	61	67
Cincinnati	325,902	79,264	58,859	42,117	53 1-10	71 1-2
Dayton	85,333	94,428	90,386	54,654	57 4-5	60 1-2
Toledo	131,822	75,174	74,586	53,039	70 1-2	71 1-10
Grand Total	1,050,385	406,920	355,753	240,865	59 1-5	67 3-4

EXPENSE REPORTS.

Giving itemized statement of expenses of the Free Public Employment Offices of the State for the year ending October 31, 1905.

CLEVELAND OFFICE

Rent, janitor and heat	$300 00	
Laundry service	7 20	
Postage	7 02	
Telephone rent (Bell)	48 00	
Telephone rent (Cuyahoga)	36 00	
City directory	7 00	
Incidentals	2 30	
Total		$407 52

COLUMBUS OFFICE

Rent	$240 00	
Janitor service	48 00	
Laundry service	12 00	
Postage	11 60	
Ice	9 50	
Gas	11 75	
Telephone rent (Citizen and Bell)	76 00	
City directory	6 00	
Incidentals	1 20	
Total		$416 05

CINCINNATI OFFICE

Rent, janitor, etc	$334 00	
Janitor service	40 00	
Laundry service	6 00	
Gas and electric lights	5 37	
Postage	5 50	
Ice	14 80	
Telephone rents	72 00	
City directory	7 00	
Office supplies	7 05	
Incidentals (moving, etc)	24 05	
Total		$515 77

DAYTON OFFICE

Rent	$300 00	
Janitor service	36 00	
Laundry service	9 00	
Gas	2 11	
Postage	11 00	
Telephone rent (Bell and Home)	82 00	
City directory	6 00	
Incidentals	8 88	
Total		$454 99

TOLEDO OFFICE

Rent, janitor and heat	$312 00	
Laundry service	9 00	
Gas	7 78	
Postage	13 00	
Telephone rent (Bell and Home)	90 00	
City directory	6 00	
Ice	17 50	
Incidentals	1 28	
Total		$456 56
Total expenditures for the year		$2,250 89

TABULATED REPORTS OF EMPLOYMENT OFFICES.

TABLE I—CLEVELAND OFFICE.

Giving Number of Situations Wanted, Help Wanted, and Positions Secured from October 27th, 1904, to October 26th, 1905, Inclusive.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
1904						
November 3	35	28	23	46	53	42
10	41	42	28	48	57	42
17	32	18	18	45	59	44
24	33	66	15	47	54	45
December 1	31	34	18	28	23	23
8	32	33	21	40	41	29
15	29	24	24	30	33	28
22	35	21	21	48	52	43
29	37	25	23	32	43	29
1905						
January 5	34	28	28	49	50	42
12	43	60	20	44	45	39
19	32	14	14	43	49	37
26	39	40	29	31	47	30
February 2	38	17	17	41	43	31
9	23	18	13	32	36	16
16	37	29	25	30	22	22
23	41	28	28	42	30	30
March 2	35	50	22	51	46	44
9	32	25	25	39	50	36
16	26	19	18	63	73	56
23	22	27	18	47	55	40
30	15	16	15	52	64	50
April 6	35	29	18	42	52	37
13	13	16	13	39	60	37
20	39	45	34	56	63	49
27	27	23	19	28	41	23
May 4	32	30	29	38	54	37
11	23	37	21	42	61	42
18	61	84	57	49	70	49
25	44	61	40	61	72	57
June 1	52	68	50	51	49	46
8	85	76	71	74	101	68
15	43	52	39	79	102	75
22	39	54	38	48	80	44
29	56	47	40	35	48	35

TABLE I—CLEVELAND OFFICE—Concluded.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
July 6	52	56	48	55	73	52
13	54	76	44	71	79	66
20	67	71	59	96	119	95
27	51	52	44	67	70	58
August 3	47	40	38	51	76	48
10	67	154	54	81	95	71
17	70	90	62	54	52	40
24	43	21	21	44	52	35
31	61	66	57	62	68	55
September 7	45	45	45	38	52	36
14	44	73	44	68	78	62
21	60	63	58	65	69	57
28	27	46	26	61	78	55
October 5	27	33	27	41	52	39
12	23	27	21	46	51	42
19	41	44	29	50	66	49
26	28	65	20	45	68	42
Total	2,078	2,306	1,629	2,565	3,076	2,299

TABLE II—COLUMBUS OFFICE.

Giving Number of Situations Wanted, Help Wanted, and Positions Secured from October 27th, 1904, to October 26th, 1905, Inclusive.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
1904 November 3	34	41	34	41	50	36
10	20	26	20	38	50	36
17	31	28	30	50	68	47
24	22	26	22	36	45	33
December 1	49	52	49	44	41	44
8	25	21	24	47	53	47
15	17	21	17	49	57	46
22	5	6	5	44	61	42
29	8	8	8	31	36	30
1905 January 5	5	4	5	34	33	32
12	26	26	26	59	75	53
19	12	15	12	48	49	47
26	5	7	5	31	38	30
February 2	14	14	13	38	53	36
9	8	11	8	41	57	39
16	23	26	21	40	67	37
23	21	21	21	41	65	35
March 2	8	12	8	51	87	49
9	14	18	14	51	72	44
16	36	37	36	48	63	43
23	43	43	41	39	79	38
30	38	71	38	42	101	40
April 6	80	63	79	53	91	50
13	33	43	32	50	84	48
20	36	41	36	28	68	26
27	40	42	39	50	95	49
May 4	41	52	41	49	84	46
11	45	65	41	44	98	40
18	24	26	24	43	93	43
25	35	45	35	43	64	41
June 1	13	12	13	39	51	38
8	43	50	42	56	83	52
15	29	26	28	55	84	52
22	28	33	28	39	68	36
29	20	18	20	40	72	37
July 6	26	20	15	46	83	43
13	58	61	58	66	92	65
20	43	38	35	57	82	40
27	27	36	26	55	64	52

TABLE II—COLUMBUS OFFICE—Concluded.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
August 3	102	101	98	71	86	67
10	83	115	82	52	65	50
17	48	47	48	72	91	69
24	17	13	14	61	77	55
31	89	148	82	60	99	47
September 7	49	31	38	49	76	46
14	71	73	59	66	101	52
21	52	78	45	66	122	53
28	53	54	42	66	88	61
October 5	53	63	44	53	73	45
12	88	128	84	58	77	51
19	72	58	53	67	65	49
26	81	116	70	64	75	54
Totals	1,943	2,230	1,808	2,561	3,751	2,341

TABLE III—CINCINNATI OFFICE.

Giving Number of Situations Wanted, Help Wanted, and Positions Secured from October 27th, 1904, to October 26th, 1905, Inclusive.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
1904						
November 3	20	13	13	41	58	34
10	124	117	117	49	60	46
17	61	49	49	44	51	37
24	18	8	8	49	45	38
December 1	23	12	12	40	43	36
8	24	9	9	30	34	27
15	34	23	21	34	30	28
22	20	14	14	29	32	26
29	9	3	2	18	30	17
1905						
January 5	11	6	6	21	33	18
12	23	6	6	35	45	31
19	37	23	23	36	35	30
26	13	7	7	28	39	25
February 2	16	5	5	35	36	30
9	37	29	29	46	47	39
16	19	8	8	40	42	32
23	42	38	37	48	50	40
March 2	25	15	16	51	54	47
9	67	52	52	26	34	22
16	56	49	49	50	45	42
23	111	104	104	41	46	36
30	93	86	86	55	82	53
April 6	96	85	85	52	50	44
13	60	58	58	37	49	35
20	53	46	46	35	51	33
27	87	81	81	33	45	28
May 4	87	84	84	36	51	26
11	89	81	81	33	56	28
18	53	51	49	50	63	45
25	38	34	33	33	51	27
June 1	41	35	34	22	27	20
8	45	40	39	49	59	43
15	74	65	64	30	42	26
22	151	143	143	43	54	39
29	128	114	114	26	31	24
July 6	62	55	55	21	21	15
13	123	116	116	33	34	26
20	86	81	81	41	38	35
27	65	62	62	42	31	26

TABLE III—CINCINNATI OFFICE—Concluded.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
August 3	58	52	52	34	29	28
10	42	33	33	28	28	26
17	57	49	49	32	39	28
24	85	84	79	42	42	37
31	60	54	54	42	47	36
September 7	56	53	51	38	61	34
14	52	49	48	45	61	35
21	108	98	97	46	73	41
28	61	57	57	47	62	41
October 5	59	55	55	54	74	40
12	73	66	66	36	53	34
19	71	64	63	50	53	41
26	68	63	63	37	41	33
Total	3,071	2,684	2,665	1,993	2,387	1,714

TABLE IV—DAYTON OFFICE.

Giving Number of Situations Wanted, Help Wanted, and Positions Secured from October 27th, 1904, to October 26th, 1905, Inclusive.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
1904 November 3	82	118	77	34	74	34
10	83	85	78	46	75	44
17	56	65	53	34	67	33
24	68	73	65	35	66	34
December 1	31	30	29	32	62	31
8	38	36	36	52	95	52
15	30	28	28	47	83	46
22	23	21	21	28	62	27
29	23	18	18	15	81	15
1905 January 5	15	11	11	36	91	35
12	26	23	19	38	94	37
19	43	36	36	59	93	56
26	33	31	28	31	92	30
February 2	26	20	20	49	100	46
9	24	16	16	35	97	34
16	25	20	18	25	97	22
23	23	21	21	28	69	26
March 2	48	52	42	42	96	42
9	50	43	43	53	104	50
16	48	45	42	42	96	40
23	34	32	30	30	93	29
30	58	53	53	44	111	41
April 6	77	71	70	25	100	23
13	89	91	84	27	121	25
20	86	84	79	30	128	30
27	88	82	79	28	121	27
May 4	82	78	76	47	126	43
11	85	84	80	31	117	30
18	76	70	68	40	133	40
25	86	80	80	30	131	29
June 1	60	54	54	30	127	30
8	77	81	72	39	111	39
15	76	69	69	40	112	38
22	77	76	71	26	124	26
29	82	78	75	33	110	33
July 6	56	63	51	32	104	29
13	45	40	36	43	101	41
20	50	53	46	40	94	39
27	54	54	50	49	97	47

TABLE IV—DAYTON OFFICE—Concluded.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
August 3	101	94	91	53	104	51
10	84	84	80	45	100	43
17	62	60	60	41	87	39
24	64	62	62	26	86	26
31	68	66	66	35	89	35
September 7	56	57	47	33	89	32
14	74	71	69	42	105	41
21	115	110	109	40	113	39
28	100	198	95	54	162	50
October 5	120	160	114	61	118	59
12	91	106	86	51	118	51
19	93	113	85	49	115	49
26	131	150	126	50	134	49
Total	3,292	3,416	3,014	2,005	5,275	1,937

TABLE V—TOLEDO OFFICE.

Giving Number of Situations Wanted, Help Wanted, and Positions Secured from October 27th, 1904, to October 26th, 1905, Inclusive.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
1904 November 3	43	57	39	19	34	12
10	26	27	23	26	27	20
17	25	15	15	26	30	17
24	26	37	19	22	28	16
December 1	26	15	15	19	22	15
8	30	13	10	23	27	16
15	38	23	21	17	23	10
22	25	13	13	19	21	14
29	18	13	12	17	19	13
1905 January 5	19	14	9	19	22	14
12	18	11	10	16	19	12
19	23	11	8	22	27	15
26	31	14	12	19	30	15
February 2	26	15	13	24	22	18
9	28	12	11	24	25	19
16	25	16	16	18	21	15
23	23	10	10	23	27	17
March 2	27	9	9	20	37	14
9	31	16	14	25	29	21
16	33	29	24	26	25	21
23	42	31	29	21	25	17
30	34	21	13	21	29	16
April 6	35	42	32	38	36	32
13	52	67	45	25	53	22
20	42	41	30	28	32	25
27	48	34	30	27	36	25
May 4	60	52	47	27	35	24
11	46	37	35	23	43	14
18	83	70	65	25	36	20
25	45	38	36	28	39	24
June 1	31	27	24	24	47	23
8	102	182	98	30	34	27
15	40	24	22	31	34	26
22	70	89	64	22	37	19
29	72	86	66	32	37	27
July 6	75	69	62	24	37	22
13	77	85	71	26	31	22
20	75	88	61	25	30	24
27	89	122	84	35	31	24

TABLE V—TOLEDO OFFICE—Concluded.

Week ending—	Males.			Females.		
	Situations wanted.	Help wanted.	Positions secured.	Situations wanted.	Help wanted.	Positions secured.
August 3	76	101	62	32	35	27
10	83	114	76	29	34	26
17	61	91	56	24	29	19
24	85	108	84	26	47	26
31	87	102	83	27	33	21
September 7	94	116	91	14	27	13
14	102	104	101	17	36	14
21	97	121	95	21	31	16
28	105	135	98	28	32	25
October 5	89	116	86	25	36	22
12	95	136	84	28	32	21
19	100	122	94	26	37	23
26	99	130	96	23	23	20
Totals	2,832	2,971	1,223	1,256	1,629	1,020

CHRONOLOGY OF BUREAUS.

State.	When organized.	Chief Officers.	Incumbency.	
			Date.	Yr.
United States	1884	Carroll D. Wright	1885–1905	20
		Chas. P. Neill	1905–	.....
California	1883	John S. Enos	1883–1887	4
		John J. Tobin	1887–1891	4
		George W. Walz	1891–1895	4
		E. L. Fitzgerald	1895–1899	4
		F. V. Meyers	1899–1904	5
		W. V. Stafford	1904–	4
Census Office	1902	William R. Merriam	1902–1903	1
		S. N. D. North	1903–	2
Colorado	1887	C. J. Driscoll	1887–1889	2
		John W. Lockin	1889–1891	2
		Lester Bodine	1891–1893	2
		J. W. Brentlinger	1893–1895	2
		W. H. Klett	1895–1899	4
		Peter Jennings	1899–	.....
		James T. Smith	1899–1903	4
		W. H. Montgomery	1903–1905	2
		E. V. Brake	1905–	.....
Connecticut	1873	James F. Babcock	1873–1874	1
		Samuel J. Starr	1874–1875	1
		Arthur T. Hadley	1885–1887	2
		Samuel M. Hotchkiss	1887–1893	6
		Robert J. Vance	1893–1895	2
		S. B. Horne	1895–1899	4
		Harry E. Back	1899–1903	4
		William H. Scoville	1903–	2
Idaho	1895	J. A. Czizek	1895–1903	8
		Rees H. Davis	1903	6 mo.
		T. C. Egleston	1903–	2
Illinois	1879	F. H. B. McDowell	1879–1881	2
		John S. Lord	1881–1893	12
		George A. Schilling	1893–1897	4
		David Ross	1897	8
Indiana	1879	John Collett	1879–1881	2
		John B. Connor	1881–1883	2
		William A. Peele, Jr	1883–1895	12
		Simeon J. Thompson	1895–1897	2
		John B. Connor	1897–1901	4
		B. F. Johnson	1901–1905	4
		George H. Stubbs	1905–	.....
Iowa	1884	E. R. Hutchins	1884–1890	6
		J. R. Sovereign	1890–1894	4
		W. E. O'Bleness	1894–1900	6
		C. F. Wennerstrum	1900–1902	2
		E. D. Brigham	1902–	3
Kansas	1885	Frank H. Betton	1885–1893	8
		J. F. Todd	1893–1895	2
		William G. Bird	1895–1897	2
		W. L. A. Johnson	1897–	8
Kentucky	1876	C. E. Bowman	.....	.....
		C. Y. Wilson	.....	.....
		Nicholas McDowell	1892–1896	4
		Lucas Moore	1896–1903	7
		I. B. Nall	1903–1905	2
		H. Vreeland	1905–	.....
Louisiana	1900	Thomas Harrison	1900–1904	4
		Robert E. Lee	1905–	.....
Maine	1887	Samuel W. Matthews	1887–	18
Maryland	1884	Thomas C. Weeks	1884–1892	8
		Allen B. Howard, Jr	1892–1896	4
		Charles H. Myers	1896–1898	2
		J. D. Wade	1898–1900	2
		Thomas A. Smith	1900–1903	3
		Chas. J. Fox	1903–	2

CHRONOLOGY OF BUREAUS—Continued.

State.	When organized.	Chief Officers.	Incumbency.	
			Date.	Yr.
Massachusetts	1869	Henry K. Oliver	1869–1873	4
		Carroll D. Wright	1873–1888	15
		Horace G. Wadlin	1888–1903	15
		C. P. Pidgin	1903–	2
Michigan	1883	John W. McGrath	1883–1885	2
		C. V. R. Pond	1885–1887	2
		A. H. Heath	1887–1891	4
		Henry A. Robinson	1891–1893	2
		Charles H. Morse	1893–1897	4
		Joseph L. Cox	1897–1901	4
		Scott Griswold	1901–1905	4
		M. J. McLeod	1905–	.....
Minnesota	1887	John Lamb	1887–1891	4
		J. P. McGaughey	1891	.....
		L. G. Powers	1891–1899	8
		Martin F. McHale	1899–1901	2
		John O'Donnell	1901–1905	4
		W. H. Williams	1905–	.....
Missouri	1879	W. H. Hilkene	1880–1882	2
		H. J. Spaunhorst	1882–1883	1
		H. A. Newman	1883–1885	2
		Oscar Kochtitzky	1885–1889	4
		Lee Meriwether	1889–1891	2
		Willard C. Hall	1891–1893	2
		Henry Blackmore	1893–1895	2
		Lee Meriwether	1895–1897	2
		Arthur Rozelle	1897–1899	2
		Thos. P. Rixey	1899–1901	2
		William Anderson	1901–	4
Montana	1893	James H. Mills	1893–1897	4
		J. H. Calderhead	1897–1901	4
		J. A. Ferguson	1901–	4
Nebraska	1887	John Jenkins	1887–1890	3
		Philip Andres	1891–1893	2
		J. B. Erion	1893–1895	2
		J. H. Powers	1895–1897	2
		S. J. Kent	1897–1901	4
		C. E. Watson	1901–1903	2
		Bert Bush	1903–	2
New Hampshire	1893	John W. Bourlett	1893–1896	3
		Julian F. Trask	1896–1899	3
		Lysander H. Carroll	1899–	6
New Jersey	1878	James Bishop	1878–1893	15
		Charles H. Simmerman	1893–1898	5
		William Stainsby	1898–1903	5
		W. C. Garrison	1903–	2
New York	1883	Charles F. Peek	1883–1893	10
		Thomas J. Dowling	1893–1896	3
		John T. McDonough	1896–1899	3
		John McMackin	1899–1905	6
		P. Tecumseh Sherman	1905–	.....
North Carolina	1887	W. N. Jones	1887–1889	2
		John C. Scarborough	1889–1893	4
		B R. Lacey	1893–1897	4
		James Y. Hamrick	1897–1899	2
		B. R. Lacy	1899–1901	2
		Henry B. Varner	1901–	4
North Dakota	1889	H. T. Helgesen	1889–1893	4
		Nelson Williams	1893–1895	2
		A. H. Laughlin	1895–1897	2
		H. U. Thomas	1897–1903	6
		R. J. Turner	1903–	2
Ohio	1877	Harry J. Walls	1877–1881	4
		Henry Luskey	1881–1885	4
		L. McHugh	1885–1887	2
		A. D. Fasset	1887–1890	3
		John McBride	1890–1892	2

CHRONOLOGY OF BUREAUS—Concluded.

State.	When organized.	Chief Officers.	Incumbency.	
			Date.	Yr.
Ohio—Concluded	1817	W. T. Lewis	1892–1896	4
		William Ruehrwein	1896–1898	2
		John P. Jones	1898–1900	2
		M. D. Ratchford	1900–	5
Oregon	1903	O. P. Hoff	1903–	2
Pennsylvania	1872	Thomas J. Bigham	1872–1875	3
		W. H. Grier	1875–1879	4
		M. S. Humphreys	1879–1883	4
		Joel B. McCamant	1883–1887	4
		Albert S. Bolles	1887–1895	8
		James M. Clark	1895–1903	8
		Robt. C. Bair	1903–	2
Rhode Island	1887	Josiah B. Bowdich	1887–1889	2
		Almon K. Goodwin	1889–1893	4
		Henry E. Tiepke	1893–1905	12
		Geo. H. Webb	1905–	.....
*South Dakota	1890	Frank Wilder	1890–1891	1
		Robert A. Smith	1891–1893	2
		Walter McKay	1893–1895	2
		S. A. Wheeler	1895–1897	2
†Tennessee	1891	George W. Ford	1891–1893	2
		John E. Lloyd	1893–1895	2
		F. P. Clute	1895–1896	1
		A. H. Wood	1896–1897	1
		A. D. Hargis	1897–1899	2
		R. A. Schieflett	1899–	6
*Utah	1890	Joseph P. Bache	1890–1898	8
Virginia	1898	A. P. Montague	1898–1900	2
		James B. Doherty	1900–	5
Washington	1897	W. C. P. Adams	1897–1901	4
		Wm. Blackman	1901–1905	4
		C. F. Hubbard	1905–	.....
Wisconsin	1883	Frank A. Flower	1883–1889	6
		H. M. Stark	1889–1891	2
		J. Dobbs	1891–1895	4
		Halford Erickson	1895–1905	10
		J. D. Beck	1895	
West Virginia	1889	Edward Robinson	1889–1893	4
		John N. Sydensticker	1893–1897	4
		I. V. Barton	1897–	8

*Abolished.
†Changed to Mines and Mineral Department, 1894.

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